

### W-series sets standards!

When it comes to functional perfection even in details, Weidmüller's W-series defines the market standards for many years now!

The W-series comprises products for conductor cross-sections between 1.5 and 300 mm<sup>2</sup> which can be used for all important electrical applications (connecting, protecting, disconnecting, measuring...). Especially in the following fields the W-series plays a major role:

- Industrial automation
- Building control
- Transport technology
- Process control

### Steady progress!

In the range of screw-connection terminals, no other product assortment available on the market has made such consequent improvements and has taken up new developments as the W-series! This success is reflected by our current new developments:

- **WPE 1.5/ R3.5** (prot. conductor terminals) extension of the slimmest product family (3.5 mm) for TS 15 available on the market
- **WDU 4N** (feed-through terminals)  
**WPE 4N** (prot. conductor terminals) Extension of the range of "compact design" terminals, which are especially conceived for confined spaces
- **WDU 10ZR** (feed-through terminals)  
**WPE 10ZR** (prot. conductor terminals) 10 mm<sup>2</sup> terminal with in total 4 mm<sup>2</sup> connection for measuring and control applications
- **WDU 240** (feed-through terminals) Acc. to clamping yoke principle for all nominal cross-sections.  
WDU 50 / WDU 95 under preparation
- **WF 6-12** (stud terminals) New assortment of single-stud terminals in Wemid (V0) and up to 2300 V
- **ST 4000** (stud terminals) New range of double-stud terminals with a rated voltage of V0 and 4000 V, in particular suitable for railway applications. Weidmüller is the only supplier of stud terminals in the range 0...4000 V.

What is more, all products currently available are continuously improved to fulfill the demands of our customers. Examples:

- **WPE 2.5 / WPE 4**
- **WDK 2.5 F** product range
- **WNT 2.5**

### W-series offers advantages

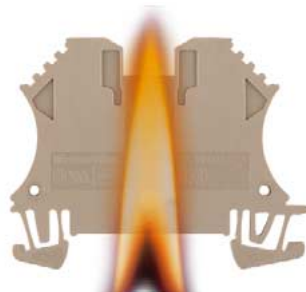
The W-series provides the highest number of advantages compared to all other screw-connection terminals currently available!

#### 1) Easy project planning

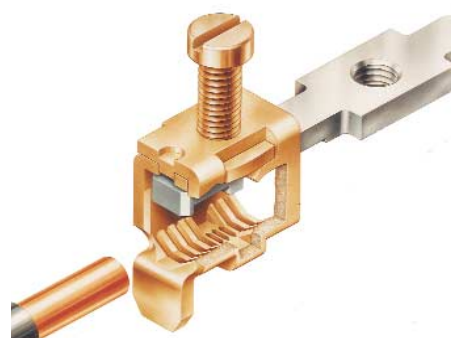
- matching contour dimensions between 1.5 – 16 mm<sup>2</sup> in standard design
- uniform accessories for different cross-section ranges (WDU 2.5 to WDU 16)
- convenient terminal marking options thanks to two marking systems, WS / DEK
- special design of clamping units for connection of 2 conductors (see chapter "Accessories"/page 311)
- Optional selection between standard design with all features and the space-saving compact design for feed-through terminals

#### 2) Maximum safety level

- Wemid insulating material



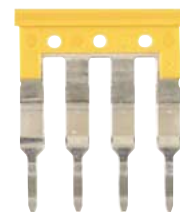
- best tracking index - non-tracking CTI 600
- temperature-resistant up to 120 °C - no derating up to 75 °C
- self-extinguishing – V0 according to UL
- no harmful substances
- safe from finger-touch (according to VGB 4)
- Best contact reliability thanks to patented clamping yoke system



- 2 conductors of the same cross-section can be connected in EEx e
- no ferrules necessary
- large gas-tight contact – low voltage drop
- highly flexible conductors connectable
- high contact force
- 100 % vibration-proof – no retightening of clamping screws required

#### 3) Time-saving potential distribution with pluggable cross-connection system (ZQV)

40 % of all terminals are cross-connected! Weidmüller offers the screw cross-connection system WQV and the pluggable cross-connection system ZQV. The cross-connection system ZQV can be used for 75 % of all applications (feed-through and double-deck terminals 2.5 and 4 mm<sup>2</sup>, disconnect-test and fuse terminals).



- parallel routing of 2 or 3 potentials (WDU 2.5 and WDU 4)
- easy extension
- coloured marking
- safe from finger-touch (VGB 4)
- faster mounting than screw-type cross-connections

#### 4) Easy mounting

- ergonomic design through recessed grips
- snap-on and removal possible on both sides
- funnel-shaped wire insertion aperture
- no ferrules required
- self-centering on TS 35

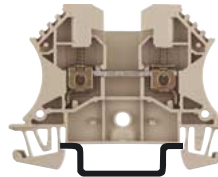
#### 5) Convenient testing options

- use of contact-proof test socket screw, partially also for mounted cross-connections WQV
- safe locking on terminal support with test adapter WTA

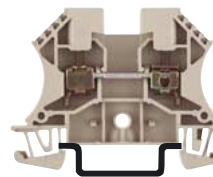
# Feed-through terminals

## Standard design

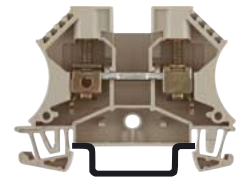
### WDU 2.5



### WDU 4



### WDU 6



Max. technical data

<b>Dimensions / approvals</b>	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	

Rated voltage/current/cross-section	800 V/24 A/2.5 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

<b>Further technical data</b>	
Tightening torque range	Nm 0.4...0.8
Torque setting with DMS 2 electric screwdriver	

<b>Clampable conductors</b>	
Solid H07V-U	mm <sup>2</sup> 0.5...4
Stranded H07V-R	mm <sup>2</sup> 1.5...4
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...2.5 <sup>1)</sup>
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size 0.13...4 A 3
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A 32/24
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A 32/24

<b>UL/CSA rated data</b>	
Voltage/current/conductor size	UL 600 V/25 A/22...12 AWG
Voltage/current/conductor size	CSA 600 V/20 A/26...12 AWG

<b>Ordering data</b>	
Type	Version
WDU 2.5	Dark beige Wemid
WDU 2.5	Blue Wemid
WDU 2.5	Orange PA
Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	

<b>End plate/partition</b>	
WAP (thickn. 1.5 mm)	Dark beige Wemid
	Blue Wemid
WTW	Dark beige Wemid
	Blue Wemid

<b>Cross-connection</b>	
WQV	ZQV
2-pole	1053360000 50 1693800000 60
3-pole	1053760000 50 1693810000 60
4-pole	1053860000 50 1693820000 60
5...9-pole	WQV see p. 262 / ZQV see p. 263
10-pole	1054460000 20 1693880000 20
50 and/or 41-pole	50-pole: 1693890000 10
Cross-connection comb	WQB B/24 1579060000 20
Screening bar	LS 2.8 <sup>2)</sup> 1056400000 50
Notching tool	WAW 1 9004500000 1

<b>Test adapter</b>	
WTA	TA 1
WTA 2	1632320000 50
WTA 2/ZA	1632330000 50
WTA 2/10	1632340000 5
ZE 1	1632150000 50

<b>Test plug/socket (safe from finger-contact <sup>4)</sup>)</b>	
PS 2.3	Test plug (ø2.3 mm)
	Test plug (ø4.0 mm)
StB 8.5	Test socket screw 8.5 (ø2.3 mm)
	Test socket screw 14 (ø4.0 mm)

<b>Covers</b>	
WAD 5	1053460000 50
WAD 5 white	1056060000 50

<b>Group marking</b>	
WGB	T5
WGB 5	1050760000 50
T 5	0348500000 100
SF 10	0332400000 1000
SG 10	0332500000 1000

<b>Marking tags</b>	
DEK	Standard
WS	white neutral
WS	indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

32 A/4 mm <sup>2</sup>	5/60/47	10 mm/M 2.5/3.5 x 0.6	800 V/24 A/2.5 mm <sup>2</sup>	8 kV/3	0.4...0.8	1																																	
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WQV	Qty.	ZQV	Qty.
1051960000	50	1758250000	60
1054560000	50	1762630000	60
1054660000	50	1762660000	60
WQV see p. 262 / ZQV see p. 263			
1052060000	20	1758260000	20
41-pole: 1758270000 10			
WQB A/24	1579000000 20		
LS 2.8 <sup>2)</sup>	1056400000 50		
WAW 1	9004500000 1		

WTA 2	1632320000	50
WTA 2/ZA	1632330000	50
WTA 2/10	1632340000	5
ZE 1	1632150000	50
PS 2.3	0180400000	20
StB 8.5	0215700000	50
WAD 5	1053460000	50
WAD 5 white	1056060000	50
WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/5	1609860000 720
WS 12/5	1773380000 300

41 A/6 mm <sup>2</sup>	5/60/47	10 mm/M 3/3.5 x 0.6	800 V/32 A/4 mm <sup>2</sup>	8 kV/3	0.5...1.0	2																														
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WQV see p. 262 / ZQV see p. 263			
1052060000	20	1758260000	20
41-pole: 1758270000 10			
WQB A/24	1579000000 20		
LS 2.8 <sup>2)</sup>	1056400000 50		
WAW 1	9004500000 1		

WTA 3	1632350000	50
WTA 3/ZA	1632360000	50
WTA 3/10	1632370000	5
ZE 1	1632150000	50
PS 2.3	0180400000	20
StB 8.5	0280600000	50
WAD 5	1053460000	50
WAD 5 white	1056060000	50
WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 6	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

57 A/10 mm <sup>2</sup>	5/60/47	12 mm/M 3.5/4.0 x 0.8	800 V/41 A/6 mm <sup>2</sup>	8 kV/3	0.8...1.4	3																														
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WTW 2.5-10	1050180000	20																													

WQV	Qty.	ZQV	Qty.
WQV 6/2 <sup>3)</sup>	1052360000	50	
WQV 6/3 <sup>3)</sup>	1054760000	50	
WQV 6/4 <sup>3)</sup>	1054860000	50	
see p. 262			
WQV 6/10 <sup>3)</sup>	1052260000	20	
see p. 262			
LS 2.8 <sup>2)</sup>	1056400000	50	
WAW 1	9004500000	1	
WTA 5/1	1051260000	25	

PS 2.3	0180400000	20
PS4	0299600000	20
StB 8.5	0280600000	50
StB 14	0169900000	50
WAD 8	1053560000	50
WAD 8 white	1056160000	50
WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 8	see "Accessories"
WS 12/6.5	1609920000 540
WS 12/6.5	1609930000 108

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

<sup>2)</sup> When using the screen plug, rated voltage is reduced to 400 V!

<sup>3)</sup> Finger-safe StB 21.6 1071000000 (ø 4 mm) can also be used with WQV

<sup>4)</sup> Finger-safe StB 1071000000 can be used for WDU 2.5/WDU 6

# Feed-through terminals

## Standard design

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

### Further technical data

Tightening torque range	Nm	1.2...2.4
Torque setting with DMS 2 electric screwdriver		

### Clampable conductors

Solid H07V-U	mm <sup>2</sup>	1.5...16
Stranded H07V-R	mm <sup>2</sup>	1.5...16 (16 mm <sup>2</sup> with 2.4 Nm)
Flexible H07V-K	mm <sup>2</sup>	1.5...16
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	1.5...16
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	1.5...16
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size	1.31...16 B 6
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	76/-
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	63/-

### UL/CSA rated data

Voltage/current/conductor size	UL	600 V/60 A/16...6 AWG
Voltage/current/conductor size	CSA	600 V/65 A/16...6 AWG

### Ordering data

Version	Type	Cat. No.	Qty.
Dark beige Wemid	WDU 10	1020300000	50
Blue Wemid	WDU 10	1020380000	50
Dark beige Wemid			
Blue Wemid			

### End plate/partition

Type	Cat. No.	Qty.
Dark beige Wemid	WAP 2.5-10	1050000000
Blue Wemid	WAP 2.5-10	1050080000
Dark beige Wemid	WTW 2.5-10	1050100000
Blue Wemid	WTW 2.5-10	1050180000

### Cross-connection

2-pole	WQV 10/2	1052560000	50
3-pole	WQV 10/3	1054960000	50
4-pole	WQV 10/4	1055060000	50
5...9-pole	WQV see p. 262		
10-pole	WQV 10/10	1052460000	20
2-pole Blue	Cross-connection comb		

LS 2.8	Screening bar	LS 2.8 <sup>2)</sup>	1056400000	50
	Notching tool	WAW 1	9004500000	1
		WTA 5/1	1051260000	25

### Test adapter

WTA			
TA 1	Strain relief		

### Test plug/socket (safe from finger-contact <sup>1)</sup>)

PS 2.3	Test plug (ø2.3 mm)	PS2.3(ø2.3)	0180400000	20
	Test plug (ø4.0 mm)	PS4 (ø4)	0299600000	20
	Test socket screw 8.5 (ø2.3 mm)	StB8.5(ø2.3)	0280600000	50
StB 8.5	Test socket screw 14 (ø4.0 mm)	StB 14 (ø 4)	0169900000	50

### Covers

WAD 8	With symbol	WAD 8	1053560000	50
WAD 8 white	white	WAD 8 white	1056160000	50
WAD 12	With symbol	WAD 12	1055960000	50
WAD 12 white	white	WAD 12 white	1056260000	50

### Group marking

WGB 8	Tag carrier for S 10 markers	WGB 8	1050960000	50
T 5		T 5	0348500000	100
SF 10		SF 10	0332400000	1000
SG 10		SG 10	0332500000	1000

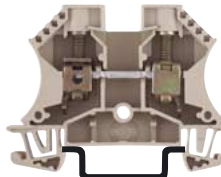
### Marking tags

DEK	Standard	DEK 5	see "Accessories"
WS white	neutral	WS 12/6.5	1609920000
WS indiv. printed		WS 12/6.5	1609930000

### Mounting rails, end brackets, further marking materials see "Accessories"

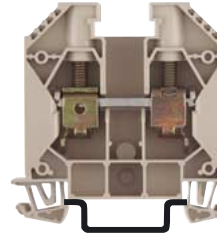
<sup>1)</sup> Finger-safe test socket screw **1071000000** can be used for WDU 10  
<sup>2)</sup> When using the screening bar, rated voltage is reduced to 400 V!

## WDU 10



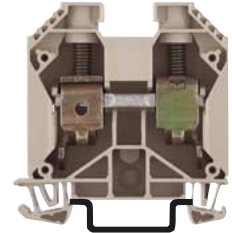
76 A/16 mm <sup>2</sup>	10/60/47	12 mm/M 4/5.5 x 1.0	1000 V/57 A/10 mm <sup>2</sup>	8 kV/3	1.2...2.4	4									
<table border="1"> <thead> <tr> <th>Type</th> <th>Cat. No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>WDU 10</td> <td>1020300000</td> <td>50</td> </tr> <tr> <td>WDU 10</td> <td>1020380000</td> <td>50</td> </tr> </tbody> </table>							Type	Cat. No.	Qty.	WDU 10	1020300000	50	WDU 10	1020380000	50
Type	Cat. No.	Qty.													
WDU 10	1020300000	50													
WDU 10	1020380000	50													

## WDU 16 • WDU 16/ZA<sup>3)</sup>



101 A/25 mm <sup>2</sup>	12/60/63	16 mm/M 5/5.5 x 1.0	1000 V/76 A/16 mm <sup>2</sup>	8 kV/3	2.0...4.0																
<table border="1"> <thead> <tr> <th>Type</th> <th>Cat. No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>WDU 16</td> <td>1028900000</td> <td>50</td> </tr> <tr> <td>WDU 16</td> <td>1020400000</td> <td>50</td> </tr> <tr> <td>WDU 16</td> <td>1028980000</td> <td>50</td> </tr> <tr> <td>WDU 16</td> <td>1020480000</td> <td>50</td> </tr> </tbody> </table>							Type	Cat. No.	Qty.	WDU 16	1028900000	50	WDU 16	1020400000	50	WDU 16	1028980000	50	WDU 16	1020480000	50
Type	Cat. No.	Qty.																			
WDU 16	1028900000	50																			
WDU 16	1020400000	50																			
WDU 16	1028980000	50																			
WDU 16	1020480000	50																			

## WDU 35 • WDU 35/ZA<sup>3)</sup>



150 A/50 mm <sup>2</sup>	16/60/63	18 mm/M 6/6.5 x 1.2	1000 V/125 A/35 mm <sup>2</sup>	8 kV/3	2.5...5.0 / 3.0...6.0 <sup>4)</sup>																												
<table border="1"> <thead> <tr> <th>Type</th> <th>Cat. No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>WDU 35</td> <td>1028800000</td> <td>25</td> </tr> <tr> <td>WDU 35</td> <td>1020500000</td> <td>40</td> </tr> <tr> <td>WDU 35</td> <td>1028880000</td> <td>25</td> </tr> <tr> <td>WDU 35</td> <td>1020580000</td> <td>40</td> </tr> <tr> <td>WDU 35</td> <td>1029000000</td> <td>25</td> </tr> <tr> <td>WDU 35</td> <td>1020600000</td> <td>25</td> </tr> <tr> <td>WDU 35</td> <td>1029080000</td> <td>25</td> </tr> <tr> <td>WDU 35</td> <td>1020680000</td> <td>25</td> </tr> </tbody> </table>							Type	Cat. No.	Qty.	WDU 35	1028800000	25	WDU 35	1020500000	40	WDU 35	1028880000	25	WDU 35	1020580000	40	WDU 35	1029000000	25	WDU 35	1020600000	25	WDU 35	1029080000	25	WDU 35	1020680000	25
Type	Cat. No.	Qty.																															
WDU 35	1028800000	25																															
WDU 35	1020500000	40																															
WDU 35	1028880000	25																															
WDU 35	1020580000	40																															
WDU 35	1029000000	25																															
WDU 35	1020600000	25																															
WDU 35	1029080000	25																															
WDU 35	1020680000	25																															

Type	Cat. No.	Qty.
WAP 16-35	1050100000	20
WAP 16-35	1050180000	20

Type	Cat. No.	Qty.
WAP 16-35	1050100000	20
WAP 16-35	1050180000	20

WQV 16/2	1053260000	50
WQV 16/3	1055160000	50
WQV 16/4	1055260000	50
WQV 16/10	1053360000	10
WQV16/2 Blue	1053280000	50

WQV 35/2	1053060000	50
WQV 35/3	1055360000	50
WQV 35/4	1055460000	50
WQV 35/10	1053160000	10
WQV 35/2 Blue	1053080000	50

WAW 1	9004500000	1
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WAW 1	9004500000	1
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WTA 5/1	1051260000	25
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PS 4 (ø 4)	0299600000	20
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PS 4 (ø 4)	0299600000	20
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StB 16 (ø 4)	0140200000	50
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StB 16 (ø 4)	0140200000	50
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WAD 12	1055960000	50
WAD 12 white	1056260000	50

WAD 12	1055960000	50
WAD 12 white	1056260000	50

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

DEK 5	see "Accessories"
WS 12/6.5	1609920000
WS 12/6.5	1609930000

<sup>3)</sup> Version with pip instead of terminal block = higher stability when linked

<sup>4)</sup> Tightening torque for variant with hexagonal socket



# Feed-through terminals

## Standard design

Max. technical data

<b>Dimensions / approvals</b>	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

**Further technical data**

Tightening torque range	Nm	0.4...0.6
Torque setting with DMS 2 electric screwdriver		
<b>Clampable conductors</b>		
Solid H07V-U	mm <sup>2</sup>	0.5...2.5
Stranded H07V-R	mm <sup>2</sup>	1.5...2.5
Flexible H07V-K	mm <sup>2</sup>	0.5...1.5
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	0.5...1.5
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	0.5...1.5
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size	0.08...2.5 A 1
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	32/24
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	32/24

**UL/CSA rated data**

Voltage/current/conductor size	UL	300 V/10 A/22...14 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...14 AWG

**Ordering data**

Version	Type	Cat. No.	Qty.
Dark beige Wemid	WDU 1.5 ZZ	1031400000	100
Blue Wemid	WDU 1.5 ZZ	1031480000	100
Orange PA			

Block of 10 terminals, print. mark. DEK 5 1-9 Wemid  
Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

**End plate/partition**

Type	Cat. No.	Qty.
Dark beige Wemid	WAP 2.5-10	1050000000
Blue Wemid	WAP 2.5-10	1050080000
Dark beige Wemid	WTW 2.5-10	1050100000
Blue Wemid	WTW 2.5-10	1050180000

WAP (thickness 1.5 mm)    WTW

**Cross-connection**

WQV	Qty.	ZQV	Qty.
2-pole	1053660000	50	1693800000
3-pole	1053760000	50	1693810000
4-pole	1053860000	50	1693820000
5...9-pole	WQV see p. 262 / ZQV see p. 263		
10-pole	1054460000	20	1693880000
50-pole	1693890000 10		
Cross-connection comb	WQB B/24	1579060000	20
Screening bar	LS 2.8 <sup>2)</sup>	1056400000	50
Notching tool	WAW 1	9004500000	1

**Test adapter**

WTA	Qty.	WTA 2/ZA	Qty.
WTA 2	1632320000	50	1632320000
WTA 2/ZA	1632330000	50	1632330000
WTA 2/10	1632340000	5	1632340000
ZE 1	1632150000	50	1632150000

Strain relief

**Test plug/socket**

PS 2.3	Test plug (ø2.3 mm)	Qty.
PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	Test socket screw 8.5 (ø2.3 mm)	Qty.
StB 8.5(ø2.3)	0215700000	50
StB 8.5	Test socket screw 14 (ø4.0 mm)	Qty.
StB 8.5(ø2.3)	0215700000	50

**Covers**

WAD 4	Qty.
With symbol white	1072000000
WAD for self-labelling/white	1072100000

**Group marking**

T 5	Qty.	SF 10	Qty.	SG 10	Qty.
T 5	0348500000	1000	0332400000	1000	0332500000
WGB					
T5					
Tag carrier for S 10 markers					

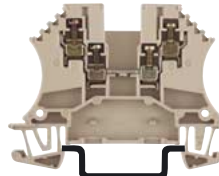
**Marking tags**

DEK	Print	DEK 5	Print
DEK	Standard	DEK 5	see "Accessories"
WS	white neutral	WS 12/5	1609860000 720
WS	indiv. printed	WS 12/5	1773380000 300

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

### WDU 1.5/ZZ



23 A/2.5 mm <sup>2</sup>	5/60/47	7 mm/M 2.5/3.5 x 0.6	800 V/17.5 A/1.5 mm <sup>2</sup>	8 kV/3
Tightening torque range: 0.4...0.6 Nm				
Torque setting with DMS 2 electric screwdriver: 1				
<b>Clampable conductors</b>				
Solid H07V-U	mm <sup>2</sup>	0.5...2.5		
Stranded H07V-R	mm <sup>2</sup>	1.5...2.5		
Flexible H07V-K	mm <sup>2</sup>	0.5...1.5		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	0.5...1.5		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	0.5...1.5		
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size	0.08...2.5	A 1	
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	32/24		
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	32/24		

300 V/10 A/22...14 AWG	300 V/10 A/26...14 AWG
------------------------	------------------------

Type	Cat. No.	Qty.
WDU 1.5 ZZ	1031400000	100
WDU 1.5 ZZ	1031480000	100

WQV	Qty.	ZQV	Qty.
2-pole	1053660000	50	1693800000
3-pole	1053760000	50	1693810000
4-pole	1053860000	50	1693820000
5...9-pole	WQV see p. 262 / ZQV see p. 263		
10-pole	1054460000	20	1693880000
50-pole	1693890000 10		
Cross-connection comb	WQB B/24	1579060000	20
Screening bar	LS 2.8 <sup>2)</sup>	1056400000	50
Notching tool	WAW 1	9004500000	1

WTA	Qty.	WTA 2/ZA	Qty.
WTA 2	1632320000	50	1632320000
WTA 2/ZA	1632330000	50	1632330000
WTA 2/10	1632340000	5	1632340000
ZE 1	1632150000	50	1632150000

PS 2.3(ø2.3)	Test plug (ø2.3 mm)	Qty.
PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	Test socket screw 8.5 (ø2.3 mm)	Qty.
StB 8.5(ø2.3)	0215700000	50

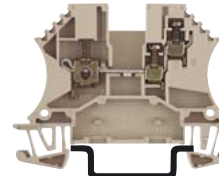
WAD 4	Qty.
With symbol white	1072000000
WAD for self-labelling/white	1072100000

T 5	Qty.	SF 10	Qty.	SG 10	Qty.
T 5	0348500000	1000	0332400000	1000	0332500000

DEK	Print	DEK 5	Print
DEK	Standard	DEK 5	see "Accessories"
WS	white neutral	WS 12/5	1609860000 720
WS	indiv. printed	WS 12/5	1773380000 300

<sup>2)</sup> When using the screen plug, rated voltage is reduced to 400 V!  
<sup>3)</sup> Twin connection

### WDU 2.5/1.5/ZR



32 A/4 mm <sup>2</sup>	5/60/47	10/7 mm/M 2.5/3.5 x 0.6	800 V/24 A/2.5 mm <sup>2</sup>	800 V/17.5 A/1.5 mm <sup>2</sup>	8 kV/3
Tightening torque range: 0.4...0.6 Nm					
Torque setting with DMS 2 electric screwdriver: 1					
<b>Clampable conductors</b>					
Solid H07V-U	mm <sup>2</sup>	0.5...4	0.5...2.5		
Stranded H07V-R	mm <sup>2</sup>	1.5...4	1.5...2.5		
Flexible H07V-K	mm <sup>2</sup>	0.5...4	0.5...1.5		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	0.5...2.5/	0.5...1.5		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	0.5...2.5 <sup>1)</sup>	0.5...1.5		
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size	0.13...4	A3 0.08...2.5	A 1	
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	32/24			
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	32/24			

300 V/20A/15 A <sup>3)</sup> /22...12 AWG	300 V/20A/15 A <sup>3)</sup> /26...12/14 <sup>3)</sup> AWG
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Type	Cat. No.	Qty.
WDU 2.5/1.5 ZR	1024700000	100
WDU 2.5/1.5 ZR	1024780000	100

WQV	Qty.	ZQV	Qty.
2-pole	1053660000	50	1693800000
3-pole	1053760000	50	1693810000
4-pole	1053860000	50	1693820000
5...9-pole	WQV see p. 262 / ZQV see p. 263		
10-pole	1054460000	20	1693880000
50-pole	1693890000 10		
Cross-connection comb	WQB B/24	1579060000	20
Screening bar	LS 2.8 <sup>2)</sup>	1056400000	50
Notching tool	WAW 1	9004500000	1

WTA	Qty.	WTA 2/ZA	Qty.
WTA 2	1632320000	50	1632320000
WTA 2/ZA	1632330000	50	1632330000
WTA 2/10	1632340000	5	1632340000
ZE 1	1632150000	50	1632150000

PS 2.3(ø2.3)	Test plug (ø2.3 mm)	Qty.
PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	Test socket screw 8.5 (ø2.3 mm)	Qty.
StB 8.5(ø2.3)	0215700000	50

WAD 4	Qty.
With symbol white	1072000000
WAD for self-labelling/white	1072100000

T 5	Qty.	SF 10	Qty.	SG 10	Qty.
T 5	0348500000	1000	0332400000	1000	0332500000

DEK	Print	DEK 5	Print
DEK	Standard	DEK 5	see "Accessories"
WS	white neutral	WS 12/5	1609860000 720
WS	indiv. printed	WS 12/5	1773380000 300

<sup>2)</sup> When using the screen plug, rated voltage is reduced to 400 V!  
<sup>3)</sup> Twin connection

### WDK 2.5/ZQV

#### WDK 2.5

400 V



32 A/4 mm <sup>2</sup>	5/69/63	10 mm/M 2.5/3.5 x 0.6	400 V/24 A/2.5 mm <sup>2</sup>	6 kV/3
Tightening torque range: 0.4...0.6 Nm				
Torque setting with DMS 2 electric screwdriver: 1				
<b>Clampable conductors</b>				
Solid H07V-U	mm <sup>2</sup>	0.5...4		
Stranded H07V-R	mm <sup>2</sup>	1.5...4		
Flexible H07V-K	mm <sup>2</sup>	0.5...4		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	0.5...2.5		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	0.5...2.5 <sup>1)</sup>		
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size	0.13...4	A 3	
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A	32/24		
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A	32/24		

300 V/20 A/22...12 AWG	300 V/10 A/26...12 AWG
------------------------	------------------------

Type	Cat. No.	Qty.
WDK 2.5	1021500000	100
WDK 2.5	1021580000	100
WDK 2.5	1021560000	100
WDK 2.5	1025600000	10
WDK 2.5	1025700000	10

WQV	Qty.	ZQV	Qty.
2-pole	1053660000	50	1693800000
3-pole	1053760000	50	1693810000
4-pole	1053860000	50	1693820000
5...9-pole	WQV see p. 262 / ZQV see p. 263		
10-pole	1054460000	20	1693880000
50-pole	1693890000 10		
Cross-connection comb	WQB B/24	1579060000	20
Screening bar	LS 2.8 <sup>2)</sup>	1056400000	50
Notching tool	WAW 1	9004500000	1

WTA	Qty.	WTA 2/ZA	Qty.
WTA 2	1632320000	50	1632320000
WTA 2/ZA	1632330000	50	1632330000
WTA 2/10	1632340000	5	1632340000
ZE 1	1632150000	50	1632150000

PS 2.3(ø2.3)	Test plug (ø2.3 mm)	Qty.
PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	Test socket screw 8.5 (ø2.3 mm)	

# Feed-through terminals

## Standard design

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid

### End plate/partition

	Dark beige Wemid	Type	Cat. No.	Qty.
	Blue Wemid	WAP	1059100000	20
	Dark beige Wemid	WAP	1059180000	20
	Blue Wemid	WTW	1058800000	20
	Frame WDK 2.5			

### Cross-connection

	WQV		ZQV	2-pole	Q 2	0369000000	50
				3-pole	Q 3	0369100000	50
				4-pole	Q 4	0369200000	50
				5...9-pole	see p. 272...274		
	WQB 12/24			10-pole	Q 10	0369300000	20
	LS 2.8			50-pole			
				Cross-connection comb			
				Screening bar	LS 2.8 <sup>2)</sup>	1056400000	50
				Notching tool			

### Test adapter

	WTA			
	TA 1			Strain relief

### Test plug/socket

	PS 2.3	Test plug (ø2.3 mm)	PPS2.3(ø2.3)	0180400000	20
		Test plug (ø4.0 mm)			
	StB 8.5	Test socket screw 8.5 (ø2.3 mm)	StB8.5(ø2.3)	0215700000	50
		Test socket screw 14 (ø4.0 mm)			

### Covers

	ADP 3	With symbol	048540000	20 x 1 m
	HP 3	white	0485760000	20
	WAD 4	WAD for self-labelling/white	1072000000	50

### Group marking

	WGB			
	T5			
		Tag carrier for S 10 markers		

### Marking tags

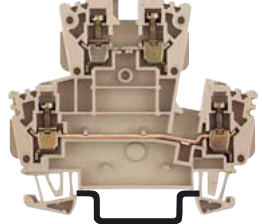
	DEK	Standard	DEK 5	see "Accessories"
	WS	white neutral	WS 8/5	1640740000
		WS indiv. printed	WS 8/5	1773360000

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch:  
Cat. No. 1333100000


## WDK 2.5

800 V



32 A/4 mm <sup>2</sup>	32 A/4 mm <sup>2</sup>
6/69/63	6/69/63
10 mm/M 2.5/3.5 x 0.6	10 mm/M 2.5/3.5 x 0.6
800 V/24 A/2.5 mm <sup>2</sup>	800 V/24 A/2.5 mm <sup>2</sup>
8 kV/3	8 kV/3
0.4...0.6 Nm	0.4...0.6 Nm
1	1
0.5...4 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>
1.5...4 mm <sup>2</sup>	1.5...4 mm <sup>2</sup>
0.5...4 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>	0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>	0.5...2.5 mm <sup>2</sup>
0.13...4 mm <sup>2</sup>	0.13...4 mm <sup>2</sup>
32/-	32/-
32/-	32/-

## WDK 2.5V / WDK 2.5DU-PE



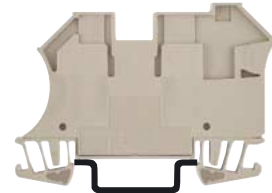
24 A/2.5 mm <sup>2</sup>	24 A/2.5 mm <sup>2</sup>
5/69/63	5/69/63
10 mm/M 2.5/3.5 x 0.6	10 mm/M 2.5/3.5 x 0.6
400 V/24 A/2.5 mm <sup>2</sup>	400 V/24 A/2.5 mm <sup>2</sup>
6 kV/3	6 kV/3
0.4...0.6 Nm	0.4...0.6 Nm
1	1
0.5...4 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>
1.5...4 mm <sup>2</sup>	1.5...4 mm <sup>2</sup>
0.5...4 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>
0.25...2.5 mm <sup>2</sup>	0.25...2.5 mm <sup>2</sup>
0.25...2.5 <sup>1)</sup> mm <sup>2</sup>	0.25...2.5 <sup>1)</sup> mm <sup>2</sup>
0.13...4 mm <sup>2</sup>	0.13...4 mm <sup>2</sup>
32/-	32/-
32/-	32/-
300 V/20 A/22...12 AWG	300 V/20 A/22...12 AWG
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG

\*lower connection level marked in green-yellow

Type	Cat. No.	Qty.
WAP	1059100000	20
WAP	1059180000	20
WTW	1058800000	20
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
WQV see p. 262		
WQV2.5/10	1054460000	20
WQB A/24	1579000000	20
WAW 1	9004500000	1
TA 1	0535860000	20
PS2.3(ø2.3)	0180400000	20
StB8.5(ø2.3)	0215700000	50
ADP 3	048540000	20 x 1 m
HP 3	0485760000	20
WAD 4	1072000000	50
WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000
DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

## WDU 10 ZR

neu




76 A / 16 mm	41 A / 6 mm	
Twin connection		
10/70/49.5	10/70/49.5	
12 mm/M4/5.5 x 10	9 mm/M3/3.5 x 0.6	
800 V/57 A/10 mm <sup>2</sup>	800 V/32 A/4mm <sup>2</sup>	
8 kV/3	8 kV/3	
1.2...2.4 Nm	0.5...1.0 Nm	
4	2	
1.5...16 mm <sup>2</sup>	0.5...6 mm <sup>2</sup>	
1.5...16 <sup>3)</sup> mm <sup>2</sup>	1.5...4 mm <sup>2</sup>	
1.5...16 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>	
1.5...16 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>	
1.5...16 mm <sup>2</sup>	0.5...4 mm <sup>2</sup>	
1.31...16 mm <sup>2</sup>	0.2...6 mm <sup>2</sup>	
41/-		
41/-		
Approval pending		
Approval pending		
Type	Cat. No.	Qty.
WDU 10 ZR	1042400000	50
WDU 10 ZR	1042480000	50
WQV 10/2	1052560000	50
WQV 10/3	1054960000	50
WQV 10/4	1055060000	50
WQV see p. 262		
WTA 5/1	1051260000	25
PS2.3 (ø 2.3)	0180400000	20
PS4 (ø 4)	0299600000	20
StB8.5 (ø 2.3)	0215700000	50
StB14 (ø 0.4)	01669900000	50
WGB 8	1050960000	50
TS 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	720
WS 12/6.5	1609930000	300

# Feed-through terminals

## Compact-Design "N" for low type

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5 
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	



Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

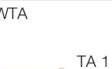
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A

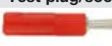
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	Qty.
		Dark beige Wemid	
		Blue Wemid	
		Orange PA	
		Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	
		Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	

End plate/partition		Type	Qty.
	Dark beige Wemid	WAP-WDU2.5	50
	Blue Wemid	WAP-WDU2.5	50
	Dark beige Wemid	TW (1.5)	20
	Blue Wemid		

Cross-connection		WQV	Qty.	ZQV	Qty.
	2-pole	1053660000	50	1693800000	60
	3-pole	1053760000	50	1693810000	60
	4-pole	1053860000	50	1693820000	60
	5...9-pole	WQV see p. 262 / ZQV see p. 263			
	10-pole	1054460000	20	1693880000	20
	50- bzw 41-pole-pole	50-pole 1693890000 10			
	Cross-connection comb	WQB B/24 1579060000 20			

Test adapter		WAW 1	Qty.
	WTA 1	1632290000	50
	TA 1	1632300000	50
	WTA 1/ZA	1632310000	5
	WTA 1/10	1632150000	50
	Strain relief		

Test plug/socket		PS 2.3	Test plug (ø2.3 mm)	PS 2.3(ø2.3)	Qty.
	PS 2.3		Test plug (ø4.0 mm)		
	Test socket screw 8.5 (ø2.3 mm)	StB 8.5(ø2.3)	0215700000	50	
	Test socket screw 14 (ø4.0 mm)				

Covers		WAD 4	Qty.
	With symbol white	1072000000	50
	WAD for self-labelling/white	1072100000	50

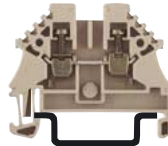
Group marking		T 5	Qty.
	Tag carrier for S 10 markers	0348500000	1000
		SF 10	0332400000 1000
		SG 10	0332500000 1000

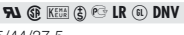
Marking tags		Print	Qty.
	DEK Standard	DEK 5	see "Accessories"
	WS white neutral	WS 12/5	1609860000 720
	WS indiv. printed	WS 12/5	1773380000 300

Mounting rails, end brackets, further marking materials see "Accessories"

1) Ferrules with optimum diam. for terminals with 5 mm pitch:  
Cat. No. 1333100000

### WDU 2.5N



32 A/4 mm <sup>2</sup>	
	
5/44/37.5	
10 mm/M 2.5/3.5 x 0.6	
500 V/24 A/2.5 mm <sup>2</sup>	
6 kV/3	
0.4...0.6	
1	
0.5...4	
1.5...4	
0.5...4	
0.25...2.5	
0.25...2.5 <sup>1)</sup>	
0.13...4	A 3
32/24	
32/24	
300 V/20 A/22...12 AWG	
300 V/20 A/26...12 AWG	
WQV	Qty. ZQV
1023700000	100 1040800000 100
1023780000	100 1040880000 100
1023760000	100
1024900000	10
1024800000	10
Type	Qty.
WAP-WDU2.5	1060000000 50
WAP-WDU2.5	1060080000 50
TW (1.5)	0191860000 20

WQV	Qty.	ZQV	Qty.
1053660000	50	1693800000	60
1053760000	50	1693810000	60
1053860000	50	1693820000	60
WQV see p. 262 / ZQV see p. 263			
1054460000	20	1693880000	20
50-pole 1693890000 10			
WQB B/24 1579060000 20			

WAW 1	9004500000	1
WTA 1	1632290000	50
WTA 1/ZA	1632300000	50
WTA 1/10	1632310000	5
ZE 1	1632150000	50

PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50

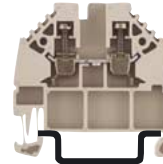
WAD 4	1072000000	50
WAD 4 white	1072100000	50

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/5	1609860000 720
WS 12/5	1773380000 300

### WDU 2.5N

600 V UL



32 A/4 mm <sup>2</sup>	
5/44/43.5	
10 mm/M 2.5/3.5 x 0.6	
800 V/24 A/2.5 mm <sup>2</sup>	
8 kV/3	
0.4...0.6	
1	
0.5...4	
1.5...4	
0.5...4	
0.5...2.5	
0.5...2.5 <sup>1)</sup>	
0.13...4	A 3
32/24	
32/24	
600 V/25 A/26...12 AWG	
600 V/20 A/26...12 AWG	
WQV	Qty.
1730940000	100

WQV	Qty.	ZQV	Qty.
1053660000	50	1758250000	60
1053760000	50	1762630000	60
1053860000	50	1762620000	60
WQV see p. 262			
1054460000	20	1758260000	60
41-pole 1758270000 10			

WAW 1	9004500000	1
WTA 1	1632290000	50
WTA 1/ZA	1632300000	50
WTA 1/10	1632310000	5
ZE 1	1632150000	50

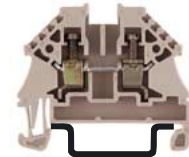
PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50

WAD 4	1072000000	50
WAD 4 white	1072100000	50

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/5	1609860000 720
WS 12/5	1773380000 300

### WDU 4N



6/44/38.5		
10 mm/M 3/3.5 x 0.6		
500 V/32 A/4 mm <sup>2</sup>		
6 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6	A 4	
32		
32		
Approval pending		
Approval pending		
WQV	Qty. ZQV	Qty.
		1042600000 100
		1042680000 100
Type	Qty.	
WAP-WDU 2.5N/4N	1060000000 50	
WAP-WDU 2.5N/4N	1060080000 50	
TW (1.5)	0191860000 20	

WQV	Qty.	ZQV	Qty.
		1758250000	60
		1762630000	60
		1762620000	60
WQV see p. 263			
		1758260000	60
		1758270000	10

WAW 1	9004500000	1
WTA 1	1632290000	50
WTA 1/ZA	1632300000	50
WTA 1/10	1632310000	5
ZE 1	1632150000	50

PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50

WAD 4	1072000000	50
WAD 4 white	1072100000	50

T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 6	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

# Feed-through terminals

## Compact-Design "N" for low type

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Version Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1-9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

### End plate/partition

Dark beige Wemid

### Cross-connection

WQV ZQV 2-pole

3-pole

4-pole

5...9-pole

10-pole

50-pole

WQB 12/24 Cross-connection comb

LS 2.8 Screening bar

Notching tool

### Test adapter

WTA

TA 1 Strain relief

Test plug/socket (safe from finger-contact<sup>1)</sup>)

PS 2.3 Test plug (ø2.3 mm)

PS 4 (ø4) Test plug (ø4.0 mm)

StB 8.5 Test socket screw 8.5 (ø2.3 mm)

StB 14 Test socket screw 14 (ø4.0 mm)

Covers

With symbol

white

WAD for self-labelling/white

Group marking

WGB T5 Tag carrier for S 10 markers

Marking tags

Print

DEK Standard

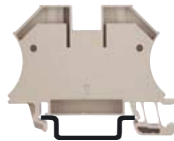
WS white neutral

WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Finger-safe StB 1071000000 can be used for WDU 16N

## WDU 16N



101 A/25 mm<sup>2</sup>

12/60/47

12 mm/M 4/5.5 x 1.0

690 V/76 A/16 mm<sup>2</sup>

6 kV/3

1.2...2.4

4

1.5...16

1.5...25 (25 mm with 2.2 Nm)

1.5...16

1.5...16

1.5...16

1.5...25 B 7

76/-

57 (3 + 4-pole)/-

300 V/70 A/14...6 AWG

300 V/45 A/20...8 AWG

Type Cat. No. Qty.

WDU 16N 1036100000 50

WDU 16N BL 1036180000 50

Type Cat. No. Qty.

WTW EX 1058800000 20

Type Cat. No. Qty.

WAW 1 9004500000 1

WTA 2 1632320000

PS 2.3 (ø2.3) 0180400000 20

PS 4 (ø4) 0299600000 20

StB 8.5 (ø2.3) 0280600000 50

StB 14 (ø4) 0169900000 50

WAD 12 N 1073200000 50

WAD12N white 1073290000 50

T 5 0348500000 100

SF 10 0332400000 1000

SG 10 0332500000 1000

DEK 5 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

## WDU 35N



150 A / 50 mm<sup>2</sup>

16/66/51

18 mm/M 6/5.5 x 1.0

500 V/125 A/35 mm<sup>2</sup>

6 kV/3

2.5...5.0

Conductor Strips

2.5...16 3 x 9 x 0.8

2.5...50 6 x 9 x 0.8

2.5...35 9 x 9 x 0.8

2.5...35

2.5...35

2.5...50 B 9

115/-

100/-

300 V/10 A/12...2 AWG

300 V/10 A/12...2 AWG

Type Cat. No. Qty.

WDU 35N 1040400000 20

WDU 35N BL 1040480000 20

Type Cat. No. Qty.

WAW 1 9004500000 1

WTA 2 1632320000

PS 4 (ø4) 0299600000 20

StB 16 (ø4) 0140200000 50

WAD 16 N 1083600000 50

WAD 16 N white 1083500000 50

T 5 0348500000 100

SF 10 0332400000 1000

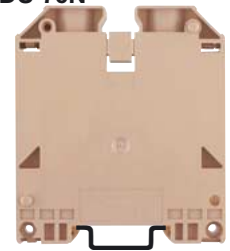
SG 10 0332500000 1000

DEK 5 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

## WDU 70N



192 A/70 mm<sup>2</sup>

20.5/75/86

22 mm/M 8/S 6 DIN 6911

1000 V/192 A/70 mm<sup>2</sup>

8 kV/3

6.0...10

Conductor Strips

10...16 3 x 9 x 0.8

10...95 6 x 9 x 0.8

10...70 9 x 9 x 0.8

10...70

10...70

10...95 B 11

192/-

192 (3-pole)/-

600 V/175 A/6...2/0 AWG

600 V/205 A/8...2/0 AWG

Type Cat. No. Qty.

WDU 70N/35 9512190000 10

WDU 70N/3 BL 9512420000 10

(WDU 70N only with hexagonal socket)

Type Cat. No. Qty.

WAW 1 9004500000 1

WTA 2 1632320000

PS 4 (ø4) 0299600000 20

StB 16 (ø4) 0140200000 50

WAD 20 9512260000 20

WAD20white 9512270000 20

T 5 0348500000 100

SF 10 0332400000 1000

SG 10 0332500000 1000

DEK 5 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

Auxiliary/control conductor terminal

WZAD 70N 9512280000 10

up to 4 mm<sup>2</sup>, 32 A

Pluggable in screw head of connection system

WAD 20 9512260000 20

WAD20white 9512270000 20

T 5 0348500000 100

SF 10 0332400000 1000

SG 10 0332500000 1000

DEK 5 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108



# Feed-through terminals

## Compact-Design "N" for low type

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	

Rated voltage/current/cross-section	800 V/24 A/2.5 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm 0.4...0.6
Torque setting with DMS 2 electric screwdriver	
1	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup> 0.5...4
Stranded H07V-R	mm <sup>2</sup> 1.5...4
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...2.5
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...2.5
Max. clamping range in mm <sup>2</sup> / gauge pin iaw. 60 947-1	Size 0.13...4 A 3
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A -/24
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A -/24

UL/CSA rated data	
Voltage/current/conductor size	UL 600 V/20 A/16...12 AWG
Voltage/current/conductor size	CSA 300 V/20 A/26...12 AWG

Ordering data		Version	Type	Cat. No.	Qty.
		Dark beige Wemid	WDK 2.5N	1041600000	100
		Blue Wemid	WDK 2.5N	1041680000	100
		Orange PA	WDK 2.5N	1041660000	100
		Block of 10 terminals, print. mark. DEK 5 1-9 Wemid	WDK 2.5N/10	1041700000	10
		Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid	WDK 2.5N/10	1041800000	10

End plate/partition		Version	Type	Cat. No.	Qty.
		Dark beige Wemid	WAP	1084000000	20
		Blue Wemid	WAP BL	1084080000	20
		Dark beige Wemid	WTW	1058800000	20

Cross-connection		Type	Cat. No.	Qty.
		2-pole	ZQV 2.5N/2	1693800000 60
		3-pole	ZQV 2.5N/3	1693810000 60
		4-pole	ZQV 2.5N/4	1693820000 60
		5...9-pole	ZQV see p. 263	
		10-pole	ZQV 2.5N/10	1693880000 20
		50-pole	ZQV 2.5N/50	1693890000 10

	WQB 12/24	Cross-connection comb	WQB B/24	1579060000 20
	LS 2.8	Screening bar	LS 2.8 <sup>1)</sup>	1056400000 50

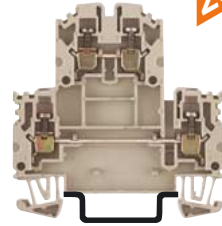
Test adapter		Type	Cat. No.	Qty.
	TA 1		TA 1	0535860000 20

Marking tags		Print	Type	Cat. No.	Qty.
	DEK	Standard	DEK 5	see "Accessories"	
	WS	white neutral	WS 8/5	1640740000	720
	WS	indiv. printed	WS 8/5	1773360000	300

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> When using the screen plug, rated voltage is reduced to 400 V!

### WDK 2.5N



28 A/4 mm <sup>2</sup>	5/60/62	8 mm/M 2.5/3.5 x 0.6	800 V/24 A/2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6	1
UL/CSA		600 V/20 A/16...12 AWG		300 V/20 A/26...12 AWG		

Type	Cat. No.	Qty.
WDK 2.5N	1041600000	100
WDK 2.5N	1041680000	100
WDK 2.5N	1041660000	100
WDK 2.5N/10	1041700000	10
WDK 2.5N/10	1041800000	10

Type	Cat. No.	Qty.
ZQV 2.5N/2	1693800000	60
ZQV 2.5N/3	1693810000	60
ZQV 2.5N/4	1693820000	60
ZQV see p. 263		
ZQV 2.5N/10	1693880000	20
ZQV 2.5N/50	1693890000	10

WQB B/24	1579060000	20
LS 2.8 <sup>1)</sup>	1056400000	50

TA 1	0535860000	20
------	------------	----

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

### WDK 2.5N V



28 A/4 mm <sup>2</sup>	5/60/62	8 mm/M 2.5/3.5 x 0.6	800 V/24 A/2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6	1
UL/CSA		600 V/20 A/16...12 AWG		300 V/20 A/26...12 AWG		

Type	Cat. No.	Qty.
WDK 2.5N V	1041610000	100
WAP	1084000000	20
WAP BL	1084080000	20
WTW	1058800000	20

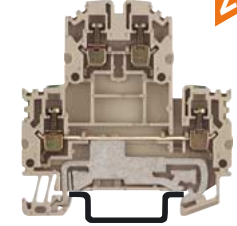
Type	Cat. No.	Qty.
ZQV 2.5N/2	1693800000	60
ZQV 2.5N/3	1693810000	60
ZQV 2.5N/4	1693820000	60
ZQV see p. 263		
ZQV 2.5N/10	1693880000	20
ZQV 2.5N/50	1693890000	10

WQB B/24	1579060000	20
LS 2.8 <sup>1)</sup>	1056400000	50

TA 1	0535860000	20
------	------------	----

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

### WDK 2.5N DU-PE



28 A/4 mm <sup>2</sup>	5/60/62	8 mm/M 2.5/3.5 x 0.6	800 V/24 A/2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6	1
UL/CSA		600 V/20 A/16...12 AWG		300 V/20 A/26...12 AWG		

Type	Cat. No.	Qty.
WDK 2.5N DU-PE	1041650000	100
WAP	1084000000	20
WAP BL	1084080000	20
WTW	1058800000	20

Type	Cat. No.	Qty.
ZQV 2.5N/2	1693800000	60
ZQV 2.5N/3	1693810000	60
ZQV 2.5N/4	1693820000	60
ZQV see p. 263		
ZQV 2.5N/10	1693880000	20
ZQV 2.5N/50	1693890000	10

WQB B/24	1579060000	20
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TA 1	0535860000	20
------	------------	----

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

# Feed-through terminals

## Compact-Design "N" for low type

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup> / gauge pin iaw. 60 947-1 Size

Cont. current of cross-connect. WQV/ZQV 2-5-pole A

Cont. current of cross-connect. WQV/ZQV 6-10-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

#### Version

Dark beige Wemid

Blue Wemid

Orange PA

Block of 10 terminals, print. mark. DEK 5 1-9 Wemid

Block of 10 terminals, unprint. mark. DEK 5 neutral 1-9 Wemid

### End plate/partition



Dark beige Wemid

Blue Wemid

Dark beige Wemid

### Cross-connection



ZQV

2-pole

3-pole

4-pole

10-pole

41-pole

LS 2.8

Screening bar

### Test adapter



TA 1

### Marking tags



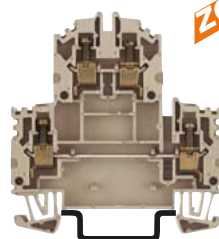
DEK Standard

WS white neutral

WS indiv. printed

### Print

## WDK 4N



ZQV

35 A/6 mm<sup>2</sup>

6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

Type

Cat. No.

Qty.

WDK 4N

1041900000

100

WDK 4N

1041980000

100

WDK 4N

1041960000

100

WDK 4N

1042000000

10

WDK 4N

1042100000

10

Type

Cat. No.

Qty.

WAP

1084000000

20

WAP BL

1084080000

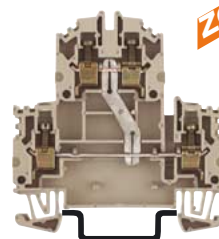
20

WTW

1058800000

20

## WDK 4N V



ZQV

35 A/6 mm<sup>2</sup>

6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

Type

Cat. No.

Qty.

WDK 4N V

1041910000

100

Type

Cat. No.

Qty.

WAP

1084000000

20

WAP BL

1084080000

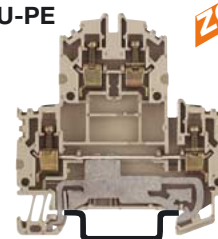
20

WTW

1058800000

20

## WDK 4N DU-PE



ZQV

35 A/6 mm<sup>2</sup>

6/60/64

8 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm<sup>2</sup>

8 kV/3

0.5...1.0

2

0.5...6

1.5...6

0.5...4

0.5...4

0.5...4

0.13...6

-/32

-/32

600 V/35 A/26...10 AWG

300 V/35 A/26...10 AWG

Type

Cat. No.

Qty.

WDK 4N DU-PE

1041950000

100

lower connection level marked in green-yellow

low

Type

Cat. No.

Qty.

WAP

1084000000

20

WAP BL

1084080000

20

WTW

1058800000

20

Type

Cat. No.

Qty.

ZQV 4N/2

1758250000

60

ZQV 4N/3

1762630000

60

ZQV 4N/4

1762620000

60

ZQV 4N/10

1758260000

20

ZQV 4N/41

1758270000

10

Type

Cat. No.

Qty.

LS 2.8<sup>1)</sup>

1056400000

50

Type

Cat. No.

Qty.

TA 1

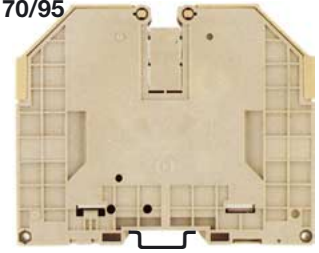
0535860000

20

<sup>1)</sup> When using the screen plug, rated voltage is reduced to 400 V!

# Feed-through terminals

## WDU 70/95



232 A/95 mm<sup>2</sup>

UL LR DNV

27/132/108

30 mm/M 8/S 6

1000 V/232 A/95 mm<sup>2</sup>

8 kV/3

6...12

16

16...120<sup>2)</sup>

16...95<sup>2)</sup>

16...95<sup>2)</sup>

16...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

16...120

B 12

232

(3) 232

600 V/175 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

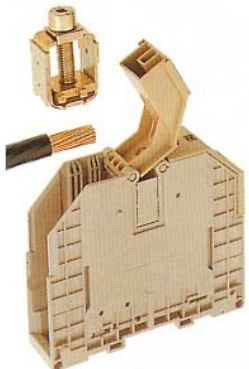
Large-size conductors no longer have to be inserted into the clamping unit with force; they can easily be placed in the terminal.

For each terminal type, terminal-block variants are available - consisting of three-, four- or five-pole terminals - in addition to the individual terminals. All blocks are permanently screwed together for additional torsional rigidity.

Slots provided in the underside of the terminals enable direct fitting. Terminal blocks can be screwed directly to the mounting plates with 25 mm pitch.

Further advantages are:

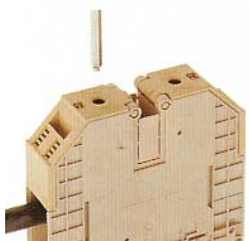
- Constant force transmission by self-adjusting connection system
- Random wiring direction
- Safe from finger-touch (VBG 4), even with cross-connection fitted
- Extreme distortion resistance



Open terminal cover and remove screw unit



Place conductor in terminal and replace screw unit



Close cover and tighten screw with hexagon wrench

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insul. strip. length/clamp. screw/wrench size acc. to DIN 6911

**VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1**

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm 6...12

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup> 16

Stranded H07V-R mm<sup>2</sup> 16...120<sup>2)</sup>

Flexible H07V-K mm<sup>2</sup> 16...95<sup>2)</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup> 16...95<sup>2)</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup> 16...50

Strips mm 3 x 9 x 0.8 6 x 9 x 0.8

Strips mm 4 x 16 x 0.8 6 x 16 x 0.8

Max. clamping range in mm<sup>2</sup> Gauge pin iaw. 60 947-1 Size 16...120 B 12

Cont. current of cross-connect. 2-pole A 232

Cont. current of cross-connect. Multi-pole A (3) 232

### UL/CSA rated data

Voltage/current/conductor size UL 600 V/175 A/6...2/0 AWG

Voltage/current/conductor size CSA 600 V/205 A/6...2/0 AWG

### Ordering data

Hexagonal socket 6 mm Dark beige Wemid WDU 70/95 Cat. No. 1024600000 Qty. 10

Hexagonal socket 6 mm Blue Wemid WDU 70/95 Cat. No. 1024680000 Qty. 10

Hexagonal socket 6 mm Green Wemid WDU 70/95 Cat. No. 1024650000 Qty. 10

Hexagonal socket 6 mm Terminal block<sup>1)</sup> 3-pole Wemid WDU 70/95 Cat. No. 1024650000 Qty. 10

Hexagonal socket 6 mm Terminal block<sup>1)</sup> 4-pole Wemid WDU 70/95 Cat. No. 1024650000 Qty. 10

Hexagonal socket 6 mm Terminal block<sup>1)</sup> 5-pole Wemid WDU 70/95 Cat. No. 1024650000 Qty. 10

Mains terminal block 3 x beige, 1x blue, 1x green Wemid WDU 70/95 Cat. No. 1024650000 Qty. 10

### Cross-connection

Type Cat. No. Qty.

WQV 70/2 1063500000 5

WQV 70/3 1063600000 5

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

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WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

### Auxiliary/control conductor terminal Pressure piece<sup>3)</sup>

WZAD (up to 4 mm<sup>2</sup>, 32 A) WFL

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

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WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

WZAD 70 1066000000 10

WFL 70/95 1616330000 10

### Cover

Yellow WAD 27 1062860000 10

With danger sign 1062860000 10

White WAD 27 1062960000 10

Without danger sign 1062960000 10

PS 4 0299600000 20

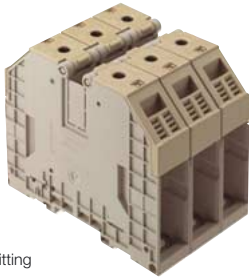
Pluggable in screw head of connection system

PS 4 0299600000 20

Pluggable in screw head of connection system

# Feed-through terminals

## WDU 70/95/...



Drill template for direct fitting

232 A/95 mm<sup>2</sup>

81/132/108 (block of 3)\*

30 mm/M 8/S 6

1000 V/232 A/95 mm<sup>2</sup>

8 kV/3

6...12

16

16...120<sup>2)</sup>

16...95<sup>2)</sup>

16...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

16...120

B 12

232

(3) 232

600 V/175 A/6...2/0 AWG

600 V/205 A/6...2/0 AWG

Type	Cat. No.	Qty.
WDU 70/95/...	<b>1026700000</b> <sup>1)</sup>	4
WDU 70/95/...	<b>1026800000</b> <sup>1)</sup>	3
WDU 70/95/...	<b>1026900000</b> <sup>1)</sup>	2
WDU 70/95/...	<b>1032300000</b> <sup>1)</sup>	2
Type	Cat. No.	Qty.
WQV 70/2	<b>1063500000</b>	5
WQV 70/3	<b>1063600000</b>	5

WZAD 70	<b>1066000000</b>	10
WFL 70/95	<b>1616330000</b>	10

WAD 27		
With danger sign	<b>1062860000</b>	10

WAD 27		
Without danger sign	<b>1062960000</b>	10

PS 4	<b>0299600000</b>	20
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Pluggable in screw head of connection system

M 6x16	<b>1063700000</b>	20
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SK wrench	<b>0407900000</b>	1
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6 mm acc. to DIN 6911

SDI	<b>9008410000</b>	1
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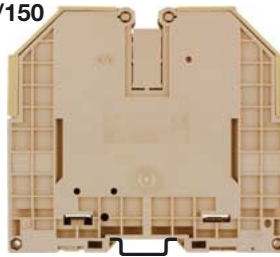
DEK 5	see "Accessories"	
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WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

<sup>1)</sup> Terminal block for direct fitting only

<sup>2)</sup> Using 95 and 120 mm<sup>2</sup> with 10 Nm tightening torque

## WDU 120/150



309 A/150 mm<sup>2</sup>

32/132/118

35 mm/M 10/S 6

1000 V/269 A/120 mm<sup>2</sup>

8 kV/3

10...20

—

35...150

35...150

35...95

35...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

35...150

B 13

292

(3) 292

600 V/225 A/2...250 kcmil AWG

600 V/285 A/2...250 kcmil AWG

Type	Cat. No.	Qty.
WDU 120/150	<b>1024500000</b>	10
WDU 120/150	<b>1024580000</b>	10
WDU 120/150	<b>1024550000</b>	10

WZAD 120	<b>1066100000</b>	10
WFL 120/150	<b>1616340000</b>	10

WAD 27		
With danger sign	<b>1062860000</b>	10

WAD 27		
Without danger sign	<b>1062960000</b>	10

PS 4	<b>0299600000</b>	20
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Pluggable in screw head of connection system

M 6x16	<b>1063700000</b>	20
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SK wrench	<b>0407900000</b>	1
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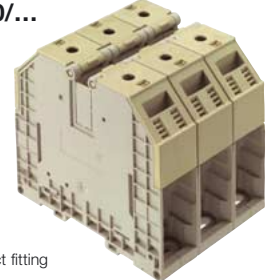
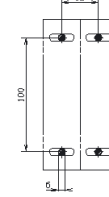
6 mm acc. to DIN 6911

SDI	<b>9008410000</b>	1
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DEK 5	see "Accessories"	
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WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

## WDU 120/150/...



Drill template for direct fitting

309 A/150 mm<sup>2</sup>

96/132/118 (block of 3)\*

35 mm/M 10/S 6

1000 V/269 A/120 mm<sup>2</sup>

8 kV/3

10...20

—

35...150

35...150

35...95

35...50

3 x 9 x 0.8

6 x 9 x 0.8

4 x 16 x 0.8

6 x 16 x 0.8

35...150

B 13

292

(3) 292

600 V/225 A/2...250 kcmil AWG

600 V/285 A/2...250 kcmil AWG

Type	Cat. No.	Qty.
WDU 120/150/...	<b>1026400000</b> <sup>1)</sup>	3
WDU 120/150/...	<b>1026500000</b> <sup>1)</sup>	2
WDU 120/150/...	<b>1026600000</b> <sup>1)</sup>	2
WDU 120/150/...	<b>1032400000</b> <sup>1)</sup>	2
Type	Cat. No.	Qty.
WQV 120/2	<b>1063300000</b>	5
WQV 120/3	<b>1063400000</b>	5

WZAD 120	<b>1066100000</b>	10
WFL 120/150	<b>1616340000</b>	10

WAD 27		
With danger sign	<b>1062860000</b>	10

WAD 27		
Without danger sign	<b>1062960000</b>	10

PS 4	<b>0299600000</b>	20
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Pluggable in screw head of connection system

M 6x16	<b>1063700000</b>	20
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SK wrench	<b>0407900000</b>	1
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6 mm acc. to DIN 6911

SDI	<b>9008410000</b>	1
-----	-------------------	---

DEK 5	see "Accessories"	
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WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108



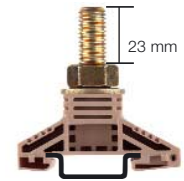
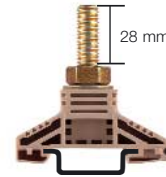
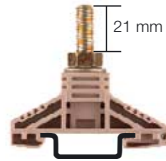
# Stud terminals

## WF 6

## WF 8

## WF 10

## WF 12



Max. technical data

### Dimensions / approvals

Width/length/height with TS 35 x 7	mm	19.6 / 67 / 56
Pitch with partition	mm	18
Stud size		M6

125 A/35 mm <sup>2</sup>	
19.6 / 67 / 56	
18	
M6	

150 A/50 mm <sup>2</sup>	
24.6 / 67 / 65	
23	
M8	

265 A/120mm <sup>2</sup>	
35.6 / 67 / 74	
34	
M10	

265 A/120mm <sup>2</sup>	
35.6 / 67 / 72	
34	
M12	

### Rated data

Rated voltage/current/cross-section	1000 V <sup>1)</sup> / - / -
Rated voltage/current/cross-section	2.300 V <sup>2)</sup> / - / -
Rated impulse voltage/pollution severity <sup>1)</sup>	8 kV / 3
Rated impulse voltage/pollution severity <sup>2)</sup>	12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

1000 V <sup>1)</sup> / - / -
2.300 V <sup>2)</sup> / - / -
8 kV / 3
12 kV / PD 3

### Further technical data

Tightening torque range	Nm	3 ... 6
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3 ... 6
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6 ... 12
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10 ... 20
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14 ... 31
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### Clampable conductors

DIN 46234 / number per side <sup>1)</sup>	...35 / 2
DIN 46235 / number per side <sup>1)</sup>	...25 / 2
DIN 46234 / number per side <sup>2)</sup>	...35 / 1
DIN 46235 / number per side <sup>2)</sup>	...25 / 1

...50 / 2
...35 / 2
...50 / 1
...35 / 1

...120 / 2
... 95 / 2
...120 / 1
... 95 / 1

...120 / 2
... 95 / 2
...120 / 1
... 95 / 1

...120 / 2
... 95 / 2
...120 / 1
... 95 / 1

### UL/CSA rated data

Voltage/current/conductor size	UL	1000 V/115 A/14...2 AWG
Voltage/current/conductor size	CSA	1000 V/150 A/14...2 AWG

1000 V/115 A/14...2 AWG
1000 V/200 A/14...1/0 AWG

1000 V/115 A/14...1/0 AWG
1000 V/200 A/14...1/0 AWG

1000 V/255 A/10...250 kcmil AWG
1000 V/320 A/10...250 kcmil AWG

1000 V/255 A/10...250 kcmil AWG
1000 V/320 A/10...250 kcmil AWG

### Ordering data

#### Version

Dark beige Wemid

Type	Cat. No.	Qty.
WF 6	<b>1780850000</b>	25

Type	Cat. No.	Qty.
WF 8	<b>1780860000</b>	25

Type	Cat. No.	Qty.
WF 10	<b>1780870000</b>	20

Type	Cat. No.	Qty.
WF 12	<b>1780880000</b>	20

### Partition / version



Dark beige Wemid <sup>1)</sup>  
Epoxy resin <sup>2)</sup>

Dimensions (width/length/ height)

Dark beige Wemid; length: 50 mm (for insul. cable lugs)

WTW WF 6	<b>1781220000</b>	20
WTW WF 6 2300	<b>1781230000</b>	20
2/101.8/58.5		
WTW WF 50	<b>1781240000</b>	20

WTW WF 8	<b>1780900000</b>	20
WTW WF 8 2300	<b>1780910000</b>	20
2/109.8/67		
WTW WF 50	<b>1781240000</b>	20

WTW WF10/12	<b>1780890000</b>	20
WTW WF10/12 2300	<b>1780920000</b>	20
2/156/76.5		
WTW WF 50	<b>1781240000</b>	20

WTW WF 10/1	<b>1780890000</b>	20
WTW WF 10/12 2300	<b>1780920000</b>	20
2/156/76.5		
WTW WF 50	<b>1781240000</b>	20

### Cross-connection

2-pole  
3-pole  
Special 2-pole  
Special 3-pole

WQL 2 WF 6	<b>1780970000</b>	5
WQL 3 WF 6	<b>1780980000</b>	5
WQL 2 WF 6-8	<b>1809880000</b>	5

WQL 2 WF 8	<b>1780990000</b>	5
WQL 3 WF 8	<b>1781000000</b>	5
WQL 2 WF 6-8	<b>1809880000</b>	5

WQL 2 WF 10	<b>1781010000</b>	5
WQL 3 WF 10	<b>1781020000</b>	5
WQL 2 WF 6-10	<b>1806620000</b>	5
WQL 3 WF 6-10/2	<b>1806640000</b>	5

WQL 2 WF 12	<b>1781030000</b>	5
WQL 3 WF 12	<b>1781040000</b>	5

### Prof. material for cover

1000 mm

ADP WF 6/WF 8	<b>1780930000</b>	10
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ADP WF 6/WF 8	<b>1780930000</b>	10
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ADP WF 10/WF12	<b>1806640000</b>	10
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ADP WF 10/WF 12	<b>1780940000</b>	10
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### Support for Cover

Dark beige Wemid

to avoid lateral displacement of cover

HA WF	<b>1781050000</b>	50
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HA WF	<b>1781050000</b>	50
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HA WF	<b>1781050000</b>	50
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HA WF	<b>1781050000</b>	50
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### Marking tags



DEK

WS

DEK 5 Standard	DEK 5	see "Accessories"
WS 10/5 neutral	WS 10/5	<b>1635000000</b> 720
WS 12/5 neutral	WS 12/5	<b>1609860000</b> 720
WS 15/5 neutral	WS 15/5	<b>1609880000</b> 480
WS 10/6 neutral	WS 10/6	<b>1060960000</b> 200
DEK 6	DEK 6	see "Accessories"

DEK 5	see "Accessories"
WS 10/5	<b>1635000000</b> 720
WS 12/5	<b>1609860000</b> 720
WS 15/5	<b>1609880000</b> 480
WS 10/6	<b>1060960000</b> 200
DEK 6	see "Accessories"

DEK 5	see "Accessories"
WS 10/5	<b>1635000000</b> 720
WS 12/5	<b>1609860000</b> 720
WS 15/5	<b>1609880000</b> 480
WS 10/6	<b>1060960000</b> 200
DEK 6	see "Accessories"

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> With WTW made from WEMID, nominal voltage 1000 V

<sup>2)</sup> With WTW made from epoxy resin, nominal voltage 2.300 V acc. to prEN 50124-1

# Stud terminals

## WF 6/2 BZ



## WF 8/2 BZ



## WF 10/2 BZ

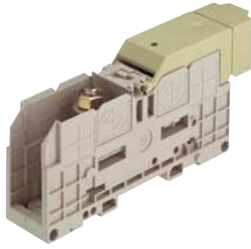


Dimensions		WF 6/2 BZ	WF 8/2 BZ	WF 10/2 BZ							
Width/length/height with TS 35 x 7	mm	19.6 / 67 / 56	24.6 / 67 / 65	35.6 / 67 / 74							
Pitch with partition	mm	18	23	34							
Stud size		M6	M8	M10							
Rated data											
Rated voltage/current/cross-section <sup>1)</sup>		1000 V <sup>1)</sup> / 125A / 35 mm <sup>2</sup>	1000 V <sup>1)</sup> / 150A / 50 mm <sup>2</sup>	1000 V <sup>1)</sup> / 269A / 120 mm <sup>2</sup>							
Rated impulse voltage/pollution severity <sup>1)</sup>		8 kV / 3	8 kV / 3	8 kV / 3							
Further technical data											
Tightening torque range	Nm	3 ... 6	6 ... 12	10 ... 20							
Clampable conductors											
DIN 46234 / number per side <sup>1)</sup>		...35 / 2	...50 / 2	... 95 / 2							
DIN 46235 / number per side <sup>1)</sup>		...25 / 2	...35 / 2	...120 / 2 <sup>5)</sup>							
UL/CSA rated data											
Voltage/current/conductor size	UL	under preparation	under preparation	under preparation							
Voltage/current/conductor size	CSA	under preparation	under preparation	under preparation							
Ordering data		Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		Dark beige Wemid	WF 6/2 BZ	<b>1789770000</b>	25	WF 8/2 BZ	<b>1789780000</b>	25	WF 10/2 BZ	<b>1789790000</b>	20
Partition / Version		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	Dark beige Wemid <sup>1)</sup> Epoxy resin <sup>2)</sup>	WTW WF10/12	<b>1780890000</b>	20	WTW WF10/12	<b>1780890000</b>	20	WTW WF10/12	<b>1780890000</b>	20	
	Dimensions (width/length/height)	2/156/76.5			2/156/76.5			2/156/76.5			
	Dark beige Wemid; length: 50 mm (for insul. cable lugs)										
Cross-connection		Standard 2-pole	WQL 2 WF 6	<b>1780970000</b>	5	WQL 2 WF 8	<b>1780990000</b>	5	WQL 2 WF 10	<b>1781010000</b>	5
	Standard 3-pole	WQL 3 WF 6	<b>1780980000</b>	5	WQL 3 WF 8	<b>1781000000</b>	5	WQL 3 WF 10	<b>1781020000</b>	5	
	Special 2-pole <sup>3)</sup>							WQL 2 WF 6-10 2BZ	<b>1801430000</b>	5	
	Special 2-pole <sup>4)</sup>							WQL 2 WF 6-10 2BZ/QV	<b>1801440000</b>	5	
Prof. material for cover		1000 mm	ADP WF10/WF12	<b>1780930000</b>	10	ADP WF10/WF12	<b>1780930000</b>	10	ADP WF10/WF12	<b>1780940000</b>	10
Support for cover		Dark beige Wemid	HA WF	<b>1781050000</b>	50	HA WF	<b>1781050000</b>	50	HA WF	<b>1781050000</b>	50
	to avoid lateral displacement of cover										
Marking tags		DEK 5 FW/FS...	DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"	
	WS 10/5 neutral	WS 10/5	<b>1635000000</b>	720	WS 10/5	<b>1635000000</b>	720	WS 10/5	<b>1635000000</b>	720	
	WS 12/5 neutral	WS 12/5	<b>1609860000</b>	720	WS 12/5	<b>1609860000</b>	720	WS 12/5	<b>1609860000</b>	720	
	WS 15/5 neutral	WS 15/5	<b>1609880000</b>	480	WS 15/5	<b>1609880000</b>	480	WS 15/5	<b>1609880000</b>	480	

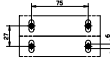
Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> With WTW made from WEMID, nominal voltage 1000 V  
<sup>2)</sup> With WTW made from epoxy resin, nominal voltage 2.300 V acc. to prEN 50124-1  
<sup>3)</sup> Only for cross-connection WF10/2BZ with WF6/2BZ  
<sup>4)</sup> Only for cross-connection WF10/2BZ with WF6/2BZ, if WF10/2BZ or WF6/2BZ are already cross-connected  
<sup>5)</sup> Only for cable lugs with a width of ≤ 31 mm

# Stud terminals



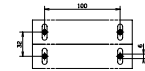
## WFF 35



Drill template for direct fitting  
150 A/50 mm<sup>2</sup>

<b>Dimensions / approvals</b>		without WAH	
Width/length/height (mm)		27/107/54	
Width/length/height (mm)		27/136/60	
Stud size		M	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>			
Rated voltage/current/cross-section		1000 V/125 A/35 mm <sup>2</sup>	
Rated impulse voltage/pollution severity		8 kV/3	
<b>Further technical data</b>			
Tightening torque range	Nm	3.0...6.0	
<b>Clampable conductors</b>			
Cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25	
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...50	
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25	
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...35	
Strips	mm	3 x 13 x 0.5	
Strips	mm	6 x 13 x 0.5	
Strips	mm	2 x 15.5 x 0.8	
Max. connect. area in mm <sup>2</sup> , gauge for flat conn. to EN 50043	Size	2.08...50	C 4
Cont. current of cross-connect. 2-pole	A	135	
Cont. current of cross-connect. 3-pole	A	135	

## WFF 70



Drill template for direct fitting  
232 A/95 mm<sup>2</sup>

<b>Dimensions / approvals</b>		without WAH	
Width/length/height (mm)		32/132/63	
Width/length/height (mm)		32/179/71.5	
Stud size		M	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>			
Rated voltage/current/cross-section		1000 V/192 A/70 mm <sup>2</sup>	
Rated impulse voltage/pollution severity		8 kV/3	
<b>Further technical data</b>			
Tightening torque range	Nm	6.0...12	
<b>Clampable conductors</b>			
Cable lug acc. to DIN 46 235	mm <sup>2</sup>	16...70	
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...120	
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	16...70	
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...70	
Strips	mm	2 x 15.5 x 0.8	4 x 20 x 1
Strips	mm	4 x 15.5 x 0.8	
Strips	mm	6 x 15.5 x 0.8	
Max. connect. area in mm <sup>2</sup> , gauge for flat conn. to EN 50043	Size	2.08...120	C 6
Cont. current of cross-connect. 2-pole	A	207	
Cont. current of cross-connect. 3-pole	A	207	

Max. technical data

### Dimensions / approvals

Width/length/height (mm)		without WAH
Width/length/height (mm)		with WAH
Stud size		M

### VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section		1000 V/125 A/35 mm <sup>2</sup>
Rated impulse voltage/pollution severity		8 kV/3

### Further technical data

Tightening torque range	Nm	3.0...6.0
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### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...50
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...35

Strips	mm	3 x 13 x 0.5
Strips	mm	6 x 13 x 0.5
Strips	mm	2 x 15.5 x 0.8

Max. connect. area in mm<sup>2</sup>, gauge for flat conn. to EN 50043

Size	2.08...50	C 4
Cont. current of cross-connect. 2-pole	A	135
Cont. current of cross-connect. 3-pole	A	135

### UL/CSA rated data

Voltage/current/conductor size	UL	1000 V/115 A/14...2 AWG
Voltage/current/conductor size	CSA	600 V/130 A/14...2 AWG

### Ordering data

Version	Color	Type	Cat. No.	Qty.
Dark beige Wemid		WFF 35	1028300000	10
Blue Wemid		WFF 35	1028380000	10
Dark beige Wemid		WFF 35	1029300000	10
Dark beige Wemid		WFF 35	1029300000	10

### Partition (thickness 2 mm)



### Cross-connection

WQL	WQL 2/35	1064900000	5
	WQL 3/35	1065400000	5

### Auxiliary/control conductor terminal

WZAF 35	(up to 4 mm <sup>2</sup> , 32 A)	WZAF 35	1070500000	10
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### Cover

Beige PA 66	WAH 35	1064460000	20
Blue PA 66	WAH 35 BL	1064480000	20
Light green PA 66	WAH 35 HG	1064450000	20
	WAP <sup>1)</sup>	1069700000	20

### Danger sign



Yellow, self-adhesive, with lightning flash, can be stuck to WAH only

### Fixing screw/Screwdriver

For direct fitting	M 6 x 16 <sup>2)</sup>	1063700000	20
Screwdriver	SDI	9008410000	1

### Cupal washers

For aluminium conductors	CPSB M 6	0156200000	50
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### Marking tags

DEK	Standard	DEK 5	see "Accessories"
WS white	neutral	WS 12/6.5	1609920000 540
WS	indiv. printed	WS 12/6.5	1609930000 108

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> The WAP can be used only in conjunction with the WAH.  
In the event that no conductor is connected, it guarantees shock protection in the connection.  
<sup>2)</sup> Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

Version	Color	Type	Cat. No.	Qty.
Dark beige Wemid		WFF 70	1028400000	10
Blue Wemid		WFF 70	1028480000	10
Dark beige Wemid		WFF 70	1029400000	10
Dark beige Wemid		WFF 70	1029400000	10
		WTW WFF 70	1067200000	10

WQL	WQL 2/70	1065000000	5
	WQL 3/70	1065500000	5

WZAF 70	(up to 4 mm <sup>2</sup> , 32 A)	WZAF 70	1066200000	10
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Beige PA 66	WAH 70	1064560000	20
Blue PA 66	WAH 70 BL	1064580000	20
Light green PA 66	WAH 70 HG	1064550000	20
	WAP <sup>1)</sup>	1069800000	20

WD 1	WD 1	1563900000	5
Qty. = 5 cards with 6 labels each	Qty. = 5 cards with 6 labels each		

For direct fitting	M 6x16 <sup>2)</sup>	1063700000	20
Screwdriver	SDI	9008410000	1

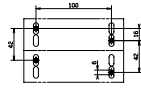
For aluminium conductors	CPSB M 8	0156300000	50
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DEK	Standard	DEK 5	see "Accessories"
WS 12/6.5	neutral	WS 12/6.5	1609920000 540
WS 12/6.5	indiv. printed	WS 12/6.5	1609930000 108

**Note:** If tension rods are used, individual terminals can be combined for protection. (available on request)

# Stud terminals

## WFF 120



Drill template for direct fitting  
309 A/150 mm<sup>2</sup>

42/132/72					
42/230/81					
10					
1000 V/269 A/120 mm <sup>2</sup>					
8 kV/3					
10...20					
16...150					
6...150					
16...120					
6...120					
2 x 20 x 1					
6 x 20 x 1					
5 x 24 x 1					
5.26...150	C 8				
292					
292					

1000 V/310 A/10...250 kcmil AWG					
600 V/310 A/10...250 kcmil AWG					

	Cat. No.	Qty.
WFF 120	<b>1028500000</b>	5
WFF 120	<b>1028580000</b>	5

WFF 120	<b>1029500000</b>	5
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Type	Cat. No.	Qty.
WTW WFF 120	<b>1067300000</b>	10

WQL 2/120	<b>1065100000</b>	5
WQL 3/120	<b>1065600000</b>	5

WZAF 120	<b>1066300000</b>	10
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WAH 120	<b>1064660000</b>	20
WAH 120 BL	<b>1064680000</b>	20
WAH 120 HG	<b>1064650000</b>	20
WAP <sup>1)</sup>	<b>1073000000</b>	20

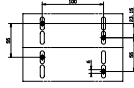
WD 1	<b>1563900000</b>	5
Qty. = 5 cards with 6 labels each		

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20
SDI	<b>9008410000</b>	1

CPSB M 10	<b>0156400000</b>	50
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DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

## WFF 185 / WFF 185 M 12 + M 16



Drill template for direct fitting  
415 A/240 mm<sup>2</sup>

55/163/78					
55/287/91					
12					
1000 V/353 A/185 mm <sup>2</sup>					
8 kV/3					
14...31					
25...240					
10...240					
25...185					
10...185					
2 x 24 x 1	10 x 24 x 1				
2 x 32 x 1	6 x 32 x 1				
3 x 35 x 1					
8.37...240	C 11				
382					
382					

1000 V/380 A/8...500 kcmil AWG					
600 V/360 A/8...500 kcmil AWG					

	Cat. No.	Qty.
WFF 185	<b>1028600000</b>	4
WFF 185	<b>1028680000</b>	4

WFF 185	<b>1029600000</b>	4
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Type	Cat. No.	Qty.
WTW WFF 185	<b>1067400000</b>	10

WQL 2/185	<b>1065200000</b>	5
WQL 3/185	<b>1065700000</b>	5

WZAF 185	<b>1066400000</b>	10
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WAH 185/300	<b>1064760000</b>	10
WAH 185/300 BL	<b>1064780000</b>	10
WAH 185/300 HG	<b>1064750000</b>	10

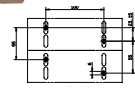
WD 1	<b>1563900000</b>	5
Qty. = 5 cards with 6 labels each		

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20
SDI	<b>9008410000</b>	1

CPSB M 12	<b>0156500000</b>	20
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DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

## WFF 300



Drill template for direct fitting  
520 A/300 mm<sup>2</sup>

55/163/86					
55/287/90					
16					
1000 V/520 A/300 mm <sup>2</sup>					
8 kV/3					
25...60					
50...300					
25...240					
50...240					
25...240					
2 x 40 x 1	3 x 35 x 1				
6 x 40 x 1	8 x 32 x 1				
8 x 40 x 1					
13.3...300	-				
520					
520					

1000 V/500 A/6...600 kcmil AWG					
600 V/510 A/6...600 kcmil AWG					

	Cat. No.	Qty.
WFF 300	<b>1028700000</b>	4
WFF 300	<b>1028780000</b>	4

WFF 300	<b>1029700000</b>	4
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Type	Cat. No.	Qty.
WTW WFF 300	<b>1067400000</b>	10

WQL 2/300	<b>1065300000</b>	5
WQL 3/300	<b>1065800000</b>	5

WZAF 300	<b>1066500000</b>	10
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WAH 185/300	<b>1064760000</b>	10
WAH 185/300 BL	<b>1064780000</b>	10
WAH 185/300 HG	<b>1064750000</b>	10

WD 1	<b>1563900000</b>	5
Qty. = 5 cards with 6 labels each		

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20
SDI	<b>9008410000</b>	1

CPSB M 16	<b>0156500000</b>	20
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DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

<sup>1)</sup> The WAP can be used only in conjunction with the WAH.  
In the event that no conductor is connected, it guarantees shock protection in the connection.  
<sup>2)</sup> Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

**Note:** If **tension rods** are used, individual terminals can be combined for protection. (available on request)



# Protective conductor terminals

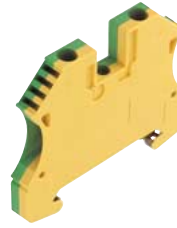
## Standard design

### WPE 2.5



UL     LR  DNV			
Width/length/height (mm)	5/60/47		
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6		
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>			
Rated voltage/current for PEN/cross-section	- V/- A/2.5 mm <sup>2</sup>		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
<b>Further technical data</b>			
Tightening torque range	0.4...0.7 Nm		
Torque setting with DMS 2 electric screwdriver	1/1		
<b>Clampable conductors</b>			
Solid H07V-U	mm <sup>2</sup> 0.5...4		
Stranded H07V-R	mm <sup>2</sup> 1.5...4		
Flexible H07V-K	mm <sup>2</sup> 0.5...4		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...2.5		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...2.5 <sup>3)</sup>		
AWG conductor	Nr. 26...12		
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	0.13...4 A 3		
<b>Ordering data</b>	Type	Cat. No.	Qty.
	WPE 2.5	1010000000	100
	SH 2	0494920000	10
	DEK 5	see "Accessories"	
	WS 12/5	1609860000	720
	WS 12/5	1773380000	300

### WPE 4



UL     LR  DNV			
Width/length/height (mm)	6/60/47		
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 3/3.5 x 0.6		
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>			
Rated voltage/current for PEN/cross-section	- V/- A/4 mm <sup>2</sup>		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
<b>Further technical data</b>			
Tightening torque range	0.5...1.0/0.5...0.8 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	2/2 (for centre screw)		
<b>Clampable conductors</b>			
Solid H07V-U	mm <sup>2</sup> 0.5...6		
Stranded H07V-R	mm <sup>2</sup> 1.5...6		
Flexible H07V-K	mm <sup>2</sup> 0.5...6		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...4		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...4		
AWG conductor	Nr. 26...10		
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	0.13...6 A 4		
<b>Ordering data</b>	Type	Cat. No.	Qty.
	WPE 4	1010100000	100
	SH 2	0494920000	10
	DEK 6	see "Accessories"	
	WS 8/5	1640740000	720
	WS 8/5	1773360000	300

### WPE 6



UL     LR  DNV			
Width/length/height (mm)	8/60/47		
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 3.5/4.0 x 0.8		
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>			
Rated voltage/current for PEN/cross-section	- V/- A/6 mm <sup>2</sup>		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
<b>Further technical data</b>			
Tightening torque range	0.8...1.6/0.5...1.0 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	3/2 (for centre screw)		
<b>Clampable conductors</b>			
Solid H07V-U	mm <sup>2</sup> 0.5...10		
Stranded H07V-R	mm <sup>2</sup> 1.5...6		
Flexible H07V-K	mm <sup>2</sup> 0.5...10		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 0.5...6		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 0.5...6		
AWG conductor	Nr. 26...8		
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	0.13...10 A 5		
<b>Ordering data</b>	Type	Cat. No.	Qty.
	WPE 6	1010200000	50
	SH 2	0494920000	10
	DEK 8	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
<b>Further technical data</b>	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
<b>Clampable conductors</b>	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	
<b>Ordering data</b>	
	Green/yellow Wemid
<b>Support block<sup>1)</sup></b>	
<b>Marking tags</b>	
	DEK Standard
	WS White neutral
	WS indiv. printed

## Standard design

### WPE 10



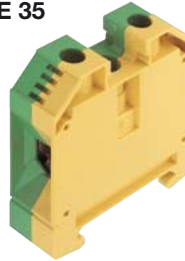
UL     LR  DNV			
Width/length/height (mm)	10/60/47		
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1.0		
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>			
Rated voltage/current for PEN/cross-section	- V/- A/10 mm <sup>2</sup>		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
<b>Further technical data</b>			
Tightening torque range	1.2...2.4 / 0.5...1.0 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	3/2 (for centre screw)		
<b>Clampable conductors</b>			
Solid H07V-U	mm <sup>2</sup> 1.5...16		
Stranded H07V-R	mm <sup>2</sup> 1.5...16 (16 mm with 2.4 Nm)		
Flexible H07V-K	mm <sup>2</sup> 1.5...16		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 1.5...16		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 1.5...16		
AWG conductor	Nr. 16...8		
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	1.31...16 B 6		
<b>Ordering data</b>	Type	Cat. No.	Qty.
	WPE 10	1010300000	50
	SH 2	0494920000	10
	on the external side		
	WQB-PEN10	1060300000	10
	DEK 8	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

### WPE 16



UL     LR  DNV			
Width/length/height (mm)	12/60/63		
Insulation stripping length/clamping screw/screwdriver blade	16 mm/M 5/5.5 x 1.0		
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>			
Rated voltage/current for PEN/cross-section	- V/- A/16 mm <sup>2</sup>		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
<b>Further technical data</b>			
Tightening torque range	2.0...4.0 / 1.2...2.4 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	-/4 (for centre screw)		
<b>Clampable conductors</b>			
Solid H07V-U	mm <sup>2</sup> 1.5...16		
Stranded H07V-R	mm <sup>2</sup> 1.5...16		
Flexible H07V-K	mm <sup>2</sup> 1.5...16		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 1.5...16		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 1.5...16		
AWG conductor	Nr. 14...6		
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	1.5...25 B 7		
<b>Ordering data</b>	Type	Cat. No.	Qty.
	WPE 16	1010400000	50
	SH 2	0494920000	10
	on the external side		
	WQB-PEN16	1060200000	10
	DEK 8	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

### WPE 35





UL     LR  DNV			
Width/length/height (mm)	16/60/70.5 (with  TS 35 x 15)		
Insulation stripping length/clamping screw/screwdriver blade	18 mm/M 6/6.5 x 1.2		
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>			
Rated voltage/current for PEN/cross-section	- V/- A/35 mm <sup>2</sup>		
Rated voltage/impulse voltage/pollution severity to adjacent terminal	800 V/8 kV/3		
<b>Further technical data</b>			
Tightening torque range	2.5...5.0 / 1.2...2.4 (for centre screw)		
Torque setting with DMS 2 electric screwdriver	-/4 (for centre screw)		
<b>Clampable conductors</b>			
Solid H07V-U	mm <sup>2</sup> 2.5...16		
Stranded H07V-R	mm <sup>2</sup> 2.5...50 (with 4 Nm)		
Flexible H07V-K	mm <sup>2</sup> 2.5...50		
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup> 2.5...50		
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup> 2.5...50		
AWG conductor	Nr. 12...2		
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	2.5...35 B 9		
<b>Ordering data</b>	Type	Cat. No.	Qty.
	WPE 35	1010500000	25
	for hexagonal socket	1012600000	25
	SH 2	0494920000	10
	on the external side		
	WQB-PEN35	1060100000	10
	DEK 8	see "Accessories"	
	WS 12/6.5	1609920000	540
	WS 12/6.5	1609930000	108

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
<b>Further technical data</b>	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
<b>Clampable conductors</b>	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1 Size	
<b>Ordering data</b>	
	Green/yellow Wemid
	Green/yellow Wemid
<b>Support block<sup>1)</sup></b>	
<b>Bridge<sup>2)</sup></b>	
<b>Marking tags</b>	
	DEK Standard
	WS White neutral
	WS indiv. printed

<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations  
<sup>2)</sup> Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)  
<sup>3)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

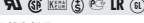
# Protective conductor terminals

## Standard design

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Marking tags	
	DEK Standard
	WS White neutral
	WS indiv. printed
Print	

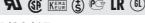
### WPE 1.5/ZZ



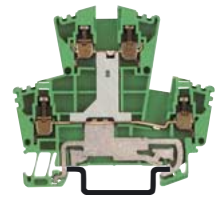
			
5/60/47			
7 mm/M 2.5/3.5 x 0.6			
Twin connection			
- V/- A/1.5 mm <sup>2</sup>			
690 V/8 kV/3			
0.4...0.6			
1/1			
Clampable conductors			
0.5...2.5			
1.5...2.5			
0.5...1.5			
0.5...1.5			
0.5...1.5			
0.5...1.5			
26...14			
0.08...2.5		A 1	
Ordering data			
Type	Cat. No.	Qty.	
WPE 1.5 ZZ	1016500000	100	
Type	Cat. No.	Qty.	
SH 2	0494920000	10	
DEK 5	see "Accessories"		
WS 12/5	1609860000	720	
WS 12/5	1773380000	300	


### WPE 2.5/1.5/ZR





			
5/60/47			
10/7 mm/M 2.5/3.5 x 0.6			
Twin connection			
- V/- A/2.5 mm <sup>2</sup>		- V/- A/ 1.5 mm <sup>2</sup>	
690 V/8 kV/3			
0.4...0.6			
1/1			
Clampable conductors			
0.5...4	0.5...2.5		
1.5...4	1.5...2.5		
0.5...4	0.5...1.5		
0.5...2.5	0.5...1.5		
0.5...2.5 <sup>3)</sup>	0.5...1.5		
26...12	26...14		
0.13...4	A3	0.08...2.5	A 1
Ordering data			
Type	Cat. No.	Qty.	
WPE 2.5/1.5 ZR	1016400000	100	
Type	Cat. No.	Qty.	
SH 2	0494920000	10	
DEK 5	see "Accessories"		
WS 12/5	1609860000	720	
WS 12/5	1773380000	300	

### WDK 2.5 PE WDK 2.5 DU-PE



			
5/69/63			
10 mm/M 2.5/3.5 x 0.6			
Twin connection			
- V/- A/2.5 mm <sup>2</sup>			
400 V/6 kV/3			
0.4...0.6			
1/1			
Clampable conductors			
0.5...4			
1.5...4			
0.5...4			
0.5...2.5			
0.5...2.5 <sup>3)</sup>			
22...12			
0.13...4			A 3
Ordering data			
WDK 2.5 PE	WDK 2.5 DU-PE	Qty.	
1036300000	1036400000	100	
Type	Cat. No.	Qty.	
SH 2	0494920000	10	
DEK 5	see "Accessories"		
WS 8/5	1640740000	720	
WS 8/5	1773360000	300	

## Standard design

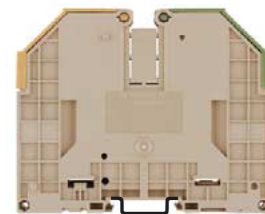
Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Bridge <sup>2)</sup>	
Marking tags	
	DEK Standard
	WS White neutral
	WS indiv. printed
Print	


### WPE 10 ZR



Twin connection			
10/70/49.5			
12 mm/M 4/5.5 x 1.0 9 mm/M 5/3.5 x 0.6			
- V/- A/10 mm <sup>2</sup>		- V/- A/4 mm <sup>2</sup>	
800 V/8 kV/3			
1.2...2.4			
0.5...1.0			
4			
2			
Ordering data			
Type	Cat. No.	Qty.	
WPE 10 ZR	1042500000	50	
Type	Cat. No.	Qty.	
SH 2	0494920000	10	
DEK 5	see "Accessories"		
WS 12/6.5	1609920000	540	
WS 12/6.5	1609930000	108	


### WPE 70/95



			
27/132/115.5 (with TS 35 x 15)			
30 mm/M 8/S 6 DIN 6911			
- V/- A/95 mm <sup>2</sup>			
1000 V/8 kV/3			
6.0...12/3.0...6.0 (for centre screw)			
16			
16...120			
16...95 Using 95 and 120 mm <sup>2</sup> with 10 Nm tightening torque			
35...95			
35.50			
6...2/0			
16...120			
B 12			
Ordering data			
Type	Cat. No.	Qty.	
WPE 70/95	1037300000	10	
for hexagonal socket			
Type	Cat. No.	Qty.	
SH 2	0494920000	10	
Bridge on internal side			
WQV70/95-PEN	1072300000	5	
DEK 5	see "Accessories"		
WS 12/6.5	1609920000	540	
WS 12/6.5	1609930000	108	

### WPE 120





			
32/132/125.5 (with TS 35 x 15)			
35 mm/M 10/S 6 DIN 6911			
- V/- A/120 mm <sup>2</sup>			
1000 V/8 kV/3			
10...20/3.0...6.0 (for centre screw)			
-			
35...150			
35...150			
-			
-			
2...MCM 250			
35...150			
B 13			
Ordering data			
Type	Cat. No.	Qty.	
WPE 120	1019700000	10	
for hexagonal socket			
Type	Cat. No.	Qty.	
SH 2	0494920000	10	
Bridge on internal side			
WQV120-PEN	1072400000	5	
DEK 5	see "Accessories"		
WS 12/6.5	1609920000	540	
WS 12/6.5	1609930000	108	

<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations  
<sup>2)</sup> Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)  
<sup>3)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

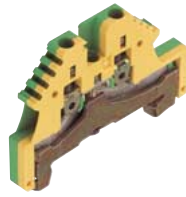
<sup>4)</sup> TS 35x15 Cu, Cat. No. 0270100000

# Protective conductor terminals

## Compact design "N" for low type

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Marking tags	
	DEK
	WS
	Standard
	WS White neutral
	WS indiv. printed
Print	

## WPE 2.5N





UL ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿		
5/54/37.5		
10 mm/M 2.5/3.5 x 0.6		
– V/– A/2.5 mm <sup>2</sup>		
500 V/6 kV/3		
Further technical data		
0.4...0.6		
1/1		
Clampable conductors		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 <sup>2)</sup>		
26...12		
0.13...4	A 3	
Ordering data		
Type	Cat. No.	Qty.
WPE 2.5N	1016200000	100
SH 2	0494920000	10
DEK 5	see "Accessories"	
WS 12/5	1609860000	720
WS 12/5	1773380000	300

## WPE 4N



6/44/38.5		
10 mm/M 3/3.5 x 0.6		
– V/– A/4 mm <sup>2</sup>		
6 kV/3		
Further technical data		
0.5...1.0		
2		
Clampable conductors		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6	A 3	
Ordering data		
Type	Cat. No.	Qty.
WPE 4N	1042700000	100
SH 2	0494920000	10
DEK 6	see "Accessories"	
WS 12/6	1609900000	720
WS 12/6	1609910000	30

## Compact design "N" for low type

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2</b>	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Bridge <sup>2)</sup>	
Marking tags	
	DEK
	WS
	Standard
	WS White neutral
	WS indiv. printed
Print	

## WPE 16N



UL ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿		
12/60/47		
12 mm/M 4/5.5 x 1.0		
– V/– A/16 mm <sup>2</sup>		
400 V/6 kV/3		
Further technical data		
1.2...2.0/0.5...1.0 (for centre screw)		
–/2 (for centre screw)		
Clampable conductors		
4...16		
4...25 (25 mm <sup>2</sup> for 2.2 Nm)		
4...16		
4...16		
4...16		
4...16		
14...6		
1.5...2	B 7	
Ordering data		
Type	Cat. No.	Qty.
WPE 16N	1019100000 <sup>3)</sup>	50
SH 2	0494920000	10
Bridge on internal side		
WQV16N-PEN	1071360000 <sup>4)</sup>	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

## WPE 35N



UL ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿		
16/66/51		
18 mm/M 6/5.5 x 1.0		
– V/– A/35 mm <sup>2</sup>		
400 V/6 kV/3		
Further technical data		
2.5...5.0/1.2...2.4 (for centre screw)		
–/4 (for centre screw)		
Clampable conductors		
2.5...16		
2.5...50		
2.5...35		
2.5...35		
2.5...35		
2.5...35		
2.5...50	B 9	
Ordering data		
Type	Cat. No.	Qty.
WPE 35N	1717740000 <sup>5)</sup>	20
SH 2	0494920000	10
Bridge on the external side		
WQB-PEN35N	1079500000	10
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

## WPE 70N



UL ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿		
20.5/75/93.5 (with TS 35 x 15) <sup>3)</sup>		
22 mm/M 8/S 6 DIN 6911		
– V/– A/70 mm <sup>2</sup>		
1000 V/8 kV/3		
Further technical data		
6.0...10/2.0...4.0 (for centre screw)		
Clampable conductors		
10...16		
10...95		
10...70		
10...70		
10...70		
10...70		
8...2/0		
10...95	B 11	
Ordering data		
Type	Cat. No.	Qty.
WPE 70N	9512200000 <sup>5)</sup>	10
SH 2	0494920000	10
Bridge on internal side		
WQV70N-PEN	9525840000	5
DEK 8	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108




1) For insul. arrangement of mount. rails in totally insul. installations  
 2) Insertable bridge in a TN C distribution network between N terminal (WDU blue) and PE terminal (WPE)

3) WPE 35 and WPE 70N for TS 35 x 15 Cu Cat. No. 0270100000



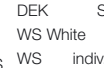
4) For preparing PEN bridges and using WQV 16 N, route the N conductor-in-feed between PE and phase.  
 5) Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000

## Protective conductor terminals

### Compact design "N" for low type

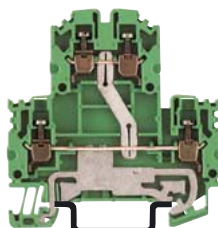
Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Marking tags	
 DEK	Standard
 WS White	neutral
 WS	indiv. printed
	Print






### Compact design "N" for low type

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data acc. to VDE 0611 Part 3/IEC 60 947-7-2	
Rated voltage/current for PEN/cross-section	
Rated voltage/impulse voltage/pollution severity to adjacent terminal	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
AWG conductor	Nr.
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Ordering data	
	Green/yellow Wemid
Support block <sup>1)</sup>	
Marking tags	
 DEK	Standard
 WS White	neutral
 WS	indiv. printed
	Print

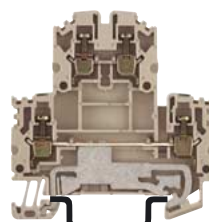
Mounting rails, end brackets, further marking materials see "Accessories"






### WDK 2.5N PE



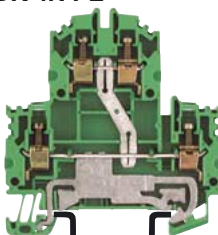
UL     LR  DNV		
5/60/62		
8 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm <sup>2</sup>		
800 V/8 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 <sup>2)</sup>		
22...12		
0.13...4	A 3	
Type	Cat. No.	Qty.
WDK 2.5N PE	1041620000	100
SH 2 0494920000 10		
DEK 5 see "Accessories"		
WS 8/5	1640740000	720
WS 8/5	1773360000	300






### WDK 2.5N DU-PE



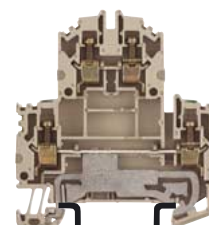
UL     LR  DNV		
5/60/62		
8 mm/M 2.5/3.5 x 0.6		
- V/- A/2.5 mm <sup>2</sup>		
800 V/8 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 <sup>2)</sup>		
22...12		
0.13...4	A 3	
Type	Cat. No.	Qty.
WDK 2.5N DU-PE	1041650000	100
SH 2 0494920000 10		
DEK 5 see "Accessories"		
WS 8/5	1640740000	720
WS 8/5	1773360000	300






### WDK 4N PE



UL     LR  DNV		
5/60/64		
8 mm/M 3/3.5 x 0.6		
- V/- A/4 mm <sup>2</sup>		
800 V/8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
1.5...4		
1.5...4		
26...10		
0.13...6	A 3	
Type	Cat. No.	Qty.
WDK 4N PE	1041920000	100
SH 2 0494920000 10		
DEK 5 see "Accessories"		
WS 8/5	1640740000	720
WS 8/5	1773360000	300

### WDK 4N DU-PE



UL     LR  DNV		
5/60/64		
8 mm/M 3/3.5 x 0.6		
- V/- A/4 mm <sup>2</sup>		
800 V/8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
1.5...4		
1.5...4		
26...10		
0.13...6	A 3	
Type	Cat. No.	Qty.
WDK 4N DU-PE	1041950000	100
SH 2 0494920000 10		
DEK 5 see "Accessories"		
WS 8/5	1640740000	720
WS 8/5	1773360000	300

<sup>1)</sup> For insul. arrangement of mount. rails in totally insul. installations

<sup>2)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000



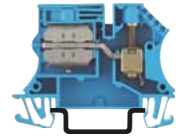
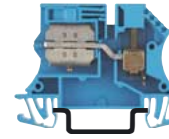
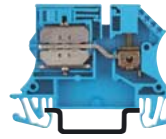
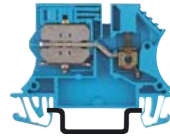
# Neutral disconnect terminals

## WNT 2.5

## WNT 4

## WNT 6

## WNT 10



Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### VDE rated data 0611 Part 5

Rated voltage/current/cross-section

Rated voltage/impulse voltage/pollution severity

### Further technical data

Tightening torque range clamping screw / N disconnect Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data Version

For busbar 10 x 3 Blue Wemid

For busbar 10 x 3 as PA disconnect Dark beige Wemid (VDE 0107)

32 A/4 mm<sup>2</sup>

5/60/47

10 mm/M 2.5/3.5 x 0.6

400 V/24 A/2.5 mm<sup>2</sup>

400 V/6 kV/3

0.4...0.6 / 0.4...0.6

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...(2.5<sup>1</sup>)

0.13...4 A 3

A

A

600 V/25 A/22...12 AWG

600 V/20 A/26...12 AWG

Type Cat. No. Qty.

WNT 2.5 1010680000 100

WNT 2.5 1010600000 100

41 A/6 mm<sup>2</sup>

6/60/47

10 mm/M 3/3.5 x 0.6

400 V/32 A/4 mm<sup>2</sup>

400 V/6 kV/3

0.5...1.0 / 0.4...0.8

2

0.5...6

1.5...6

0.5...6

0.5...4

0.5...4

0.13...6 A 4

A 4

A 4

600 V/35 A/22...10 AWG

600 V/35 A/26...10 AWG

Type Cat. No. Qty.

WNT 4 1010780000 100

WNT 4 1010700000 100

57 A/10 mm<sup>2</sup>

8/60/47

12 mm/M 3.5/4.0 x 0.8

400 V/41 A/6 mm<sup>2</sup>

400 V/6 kV/3

0.8...1.2 / 0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

A 5

A 5

600 V/45 A/20...8 AWG

600 V/45 A/20...8 AWG

Type Cat. No. Qty.

WNT 6 1010880000 50

WNT 6 1010800000 50

76A/16 mm<sup>2</sup>

10/60/47

12 mm/M 4/5.5 x 1.0

400 V/57 A/10 mm<sup>2</sup>

400 V/6 kV/3

1.2...2.0 / 0.8...1.6

4

1.5...16

1.5...16 (16 mm<sup>2</sup> w. 2.4 Nm)

1.5...16

1.5...16

1.31...16 B 6

B 6

B 6

600 V/60 A/16...8 AWG

600 V/65 A/16...6 AWG

Type Cat. No. Qty.

WNT 10 1010980000 50

WNT 10 1010900000 50

### End plate



Thickness 1.5 mm Blue Wemid Dark beige Wemid

WAP 2.5-10 1050080000 50

WAP 2.5-10 1050000000 50

WAP 2.5-10 1050080000 50

WAP 2.5-10 1050000000 50

WAP 2.5-10 1050080000 50

WAP 2.5-10 1050000000 50

WAP 2.5-10 1050080000 50

WAP 2.5-10 1050000000 50

### Support plate



for SSch 10 x 3 Blue Wemid Dark beige Wemid

Thickness 1.5 mm Distance WHP-WHP max. 200mm

WHP 2.5-10 1050280000 20

WHP 2.5-10 1050200000 20

WHP 2.5-10 1050280000 20

WHP 2.5-10 1050200000 20

WHP 2.5-10 1050280000 20

WHP 2.5-10 1050200000 20

WHP 2.5-10 1050280000 20

WHP 2.5-10 1050200000 20

### Busbar 10 x 3

Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm



Cu 140 A

SSch 10 x 3 Cu 0348900000 1 m

SSch 10 x 3 Cu 0348900000 1 m

SSch 10 x 3 Cu 0348900000 1 m

SSch 10 x 3 Cu 0348900000 1 m

### Clamping yoke



Supply for SSch 10 x 16...50 mm<sup>2</sup> stranded 16...35 mm<sup>2</sup> flexible Gauge pin B9

ZB 35 K

ZB 35

ZB 35 K 0502680000 20

ZB 35 0266500000 20

ZB 35 K 0502680000 20

ZB 35 0266500000 20

ZB 35 K 0502680000 20

ZB 35 0266500000 20

ZB 35 K 0502680000 20

ZB 35 0266500000 20

### Test plug



PS 2.3 0180400000 20

PS 2.3 0180400000 20

PS 2.3 0180400000 20

PS 2.3 0180400000 20

### End bracket

WEW 35 / 2 1061200000 50

WEW 35 / 2 1061200000 50

WEW 35 / 2 1061200000 50

WEW 35 / 2 1061200000 50

### Bridge on the external side

Cross-section of connection is reduced by one level

### Marking tags



DEK Standard WS White neutral WS indiv. printed

DEK 5 see "Accessories"

WS 12/5 1609860000 720

WS 12/5 1773380000 300

DEK 6 see "Accessories"

WS 12/6 1609900000 600

WS 12/6 1609910000 120

DEK 8 see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

DEK 8 see "Accessories"

WS 12/6.5 1609920000 540

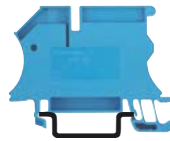
WS 12/6.5 1609930000 108

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Ferrules with opt. diameter for terminals with pitch of 5mm: Cat. No. 1333100000

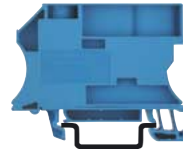
# Neutral disconnect terminals

## WNT 16N



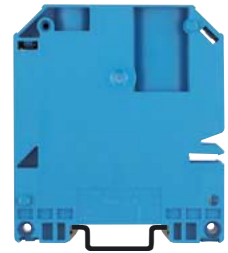
- / -

## WNT 35N



- / -

## WNT 70N



Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### VDE rated data 0611 Part 5

Rated voltage/current/cross-section

Rated voltage/impulse voltage/pollution severity

### Further technical data

Tightening torque range clamping screw / N disconnect Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-7-1 Size

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

For busbar 10 x 3 Version Blue Wemid

### Support plate

for SSch 10 x 3 Blue Wemid  
Dark beige Wemid



Thickness 1.5 mm  
Distance WHP-WHP max. 200mm

### Busbar 10 x 3

Cu 140 A

Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm

### Clamping yoke

Supply for SSch 10 x 16...50 mm<sup>2</sup> stranded



ZB 35 K

ZB 35

### Test plug



### End bracket

### Bridge on the external side

Cross-section of connection is reduced by one level

### Marking tags

DEK	WS	Print
DEK	Standard	Standard
WS White	neutral	
WS	indiv. printed	

DEK WS

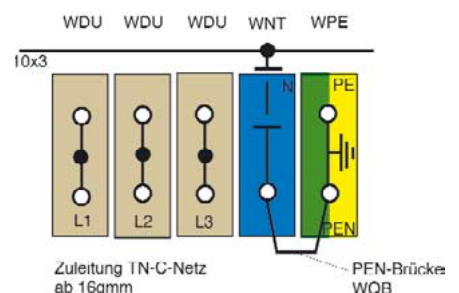
Type	Cat. No.	Qty.
WNT 16N	101900000	50
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20
SSch 10 x 3 Cu	0348900000	1 m
ZB 35 K	0502680000	20
ZB 35	0266500000	20
PS 2.3	0180400000	20
WEW 35 / 2	1061200000	50
WQB-PEN 16N	1079600000	10
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WNT 35N	1718550000	20
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20
SSch 10 x 3 Cu	0348900000	1 m
ZB 35 K	0502680000	20
ZB 35	0266500000	20
PS 2.3	0180400000	20
WEW 35 / 2	1061200000	50
WQB-PEN 35N	1079500000	10
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

Type	Cat. No.	Qty.
WNT 70N	9512210000	10
WHP 2.5-10	1050280000	20
WHP 2.5-10	1050200000	20
SSch 10 x 3 Cu	0348900000	1 m
ZB 35 K	0502680000	20
ZB 35	0266500000	20
PS 4	0299600000	20
WEW 35 / 2	1061200000	50
WQB-PEN 70N	1079700000	10
DEK 5	see "Accessories"	
WS 12/6.5	1609920000	540
WS 12/6.5	1609930000	108

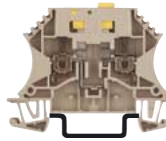
Mounting rails, end brackets, further marking materials see "Accessories"

### TN-S-Circuit



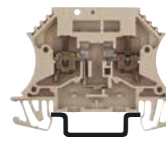
# Disconnect test terminals

## WTR 2.5

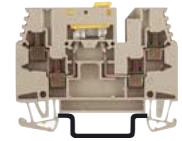


## WTR 2.5

without disconnector



## WTR 2.5/ZZ



Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	Cat. No.	Qty.	
		Dark beige Wemid	without StB	1011100000	100
		Dark beige Wemid	2 StB 2.3	1011200000	100
		Blue Wemid	without StB	1011180000	100
		Blue Wemid	2 StB 2.3	1011280000	100
		Dark beige Wemid	2 StB 2.0	1013000000	100
		Orange PA		1011160000	100

End plate/partition		Type	Cat. No.	Qty.
WAP	WAP (thickness 1.5 mm)	WAP 2.5-10	1050000000	50
	Dark beige Wemid	WAP 2.5-10BL	1050080000	50
	Blue Wemid	WTW 2.5-10	1050100000	20
	WTW Dark beige Wemid			

Cross-connection / test plug		Type	Cat. No.	Qty.
	QL 2-10	QL 2	0215800000	100
		QL 3	0215900000	100
		QL 4	0216000000	50
		QL 10	0338000000	20
		BS-M 2.5x4.5	1062700000	100
		PS 2.3(ø 2.3)	0180400000	20
		PS 2.0(ø 2.0)	0293800000	20
		WDS 2	1069900000	20
		LS 2.8 <sup>4)</sup>	1056400000	50
		WQB B/24	1579060000	20

Notching tool for cross-connections

To notch the punch-out in the terminal support

Screwdriver		Type	Cat. No.	Qty.
		SDIZ	9008450000	1

Fuse holder		Type	Cat. No.	Qty.
	for 5x20 SIHA	without LED	9537550000	25
		with LED	9537560000	25
	SIHA 1/G 20		9537570000	25
	SIHA 1/G 20		9537580000	25
	SIHA 1/G 20		9537590000	25

Diode plug <sup>3)</sup>		Type	Cat. No.	Qty.
	(up to 250 V)	WSD 2.5	1058460000	25
		WSD 2.5	1058560000	25
		WSD 2.5	1058660000	25
		WSD 2.5	1058760000	25

Marking tags		Type	Cat. No.	Qty.
		DEK 5	see "Accessories"	
		WS 12/5	1609860000	720
		WS 12/5	1773380000	300

14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	800 V <sup>2)</sup> /14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6 / 0.5...0.6 (for test socket)	1/2 (for test socket)
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	800 V <sup>2)</sup> /14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6 / 0.5...0.6 (for test socket)	1/2 (for test socket)
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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Ordering data		Version	Cat. No.	Qty.	
		Dark beige Wemid	without StB	1011100000	100
		Dark beige Wemid	2 StB 2.3	1011200000	100
		Blue Wemid	without StB	1011180000	100
		Blue Wemid	2 StB 2.3	1011280000	100
		Dark beige Wemid	2 StB 2.0	1013000000	100
		Orange PA		1011160000	100

End plate/partition		Type	Cat. No.	Qty.
WAP	WAP (thickness 1.5 mm)	WAP 2.5-10	1050000000	50
	Dark beige Wemid	WAP 2.5-10BL	1050080000	50
	Blue Wemid	WTW 2.5-10	1050100000	20
	WTW Dark beige Wemid			

Cross-connection / test plug		Type	Cat. No.	Qty.
	QL 2-10	QL 2	0215800000	100
		QL 3	0215900000	100
		QL 4	0216000000	50
		QL 10	0338000000	20
		BS-M 2.5x4.5	1062700000	100
		PS 2.3(ø 2.3)	0180400000	20
		PS 2.0(ø 2.0)	0293800000	20
		WDS 2	1069900000	20
		LS 2.8 <sup>4)</sup>	1056400000	50
		WQB B/24	1579060000	20

Notching tool for cross-connections

To notch the punch-out in the terminal support

Screwdriver		Type	Cat. No.	Qty.
		SDIZ	9008450000	1

Fuse holder		Type	Cat. No.	Qty.
	for 5x20 SIHA	without LED	9537550000	25
		with LED	9537560000	25
	SIHA 1/G 20		9537570000	25
	SIHA 1/G 20		9537580000	25
	SIHA 1/G 20		9537590000	25

Diode plug <sup>3)</sup>		Type	Cat. No.	Qty.
	(up to 250 V)	WSD 2.5	1058460000	25
		WSD 2.5	1058560000	25
		WSD 2.5	1058660000	25
		WSD 2.5	1058760000	25

Marking tags		Type	Cat. No.	Qty.
		DEK 5	see "Accessories"	
		WS 12/5	1609860000	720
		WS 12/5	1773380000	300

14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	800 V <sup>2)</sup> /14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6 / 0.5...0.6 (for test socket)	1/2 (for test socket)
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	800 V <sup>2)</sup> /14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	8 kV/3	0.4...0.6 / 0.5...0.6 (for test socket)	1/2 (for test socket)
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/2.5 mm <sup>2</sup>	5/60/49	10 mm/M 2.5/3 <sup>3)</sup> /3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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Ordering data		Version	Cat. No.	Qty.	
		Dark beige Wemid	without StB	1012900000	100
		Dark beige Wemid	with StB 2.3	1012800000	100
		Blue Wemid	without StB	1011180000	100
		Blue Wemid	with StB 2.3	1011280000	100
		Dark beige Wemid	with StB 2.0	1013100000	100
		Orange PA		1011160000	100

End plate/partition		Type	Cat. No.	Qty.
WAP	WAP (thickness 1.5 mm)	WAP 2.5-10	1050000000	50
	Dark beige Wemid	WAP 2.5-10 BL	1050080000	50
	Blue Wemid	WTW 2.5-10	1050100000	20
	WTW Dark beige Wemid			

Cross-connection / test plug		Type	Cat. No.	Qty.
	QL 2-10	QL 2	0215800000	100
		QL 3	0215900000	100
		QL 4	0216000000	50
		QL 10	0338000000	20
		BS-M 2.5x4.5	1062700000	100
		PS 2.3(ø 2.3)	0180400000	20
		PS 2.0(ø 2.0)	0293800000	20
		WDS 2	1069900000	20
		LS 2.8 <sup>4)</sup>	1056400000	50
		WQB B/24	1579060000	20

Notching tool for cross-connections

To notch the punch-out in the terminal support

Screwdriver		Type	Cat. No.	Qty.
		SDIZ	9008450000	1

Fuse holder		Type	Cat. No.	Qty.
	for 5x20 SIHA	without LED	9537550000	25
		with LED	9537560000	25
	SIHA 1/G 20		9537570000	25
	SIHA 1/G 20		9537580000	25
	SIHA 1/G 20		9537590000	25

Diode plug <sup>3)</sup>		Type	Cat. No.	Qty.
	(up to 250 V)	WSD 2.5	1058460000	25
		WSD 2.5	1058560000	25
		WSD 2.5	1058660000	25
		WSD 2.5	1058760000	25

Marking tags		Type	Cat. No.	Qty.
		DEK 5	see "Accessories"	
		WS 12/5	1609860000	720
		WS 12/5	1773380000	300

14 A/1.5 mm <sup>2</sup>	5/60/49	7 mm/M 3/3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/1.5 mm <sup>2</sup>	5/60/49	7 mm/M 3/3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/1.5 mm <sup>2</sup>	5/60/49	7 mm/M 3/3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/1.5 mm <sup>2</sup>	5/60/49	7 mm/M 3/3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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14 A/1.5 mm <sup>2</sup>	5/60/49	7 mm/M 3/3.5 x 0.6	400 V/14 A <sup>5)</sup> /2.5 mm <sup>2</sup>	6 kV/3	0.5...0.6	2
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Ordering data		Version	Cat. No.	Qty.	
		Dark beige Wemid	2 StB 2.3 <sup>3)</sup>	1039900000	100
		Blue Wemid	2 StB 2.3 <sup>3)</sup>	1039980000	100

End plate/partition		Type	Cat. No.	Qty.
WAP	WAP WTR 2.5/ZZ	WAP WTR 2.5/ZZ	1074600000	20
	Dark beige Wemid	WAP WTR2.5/ZZ	1074680000	20
	Blue Wemid			

Cross-connection / test plug		Type	Cat. No.	Qty.
	QL 2-10	QL 2	0215800000	100
		QL 3	0215900000	100
		QL 4	0216000000	50
		QL 10	0338000000	20
		BS-M 2.5x4.5	1062700000	100
		PS 2.3(ø 2.3)	0180400000	20
		PS 2.0(ø 2.0)	02938	







# Disconnect test terminals

**WDT 1.5/1**  
with space-saving TOP connection



**WDT 1.5/2**  
with space-saving TOP connection



**WDT 1.5/3**  
with space-saving TOP connection



**Dimensions / approvals**

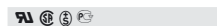
Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

**Rated data**

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

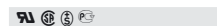


6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

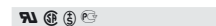


6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3



6.5/112/67

10 mm/M 2.5/3.5 x 0.6

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

**Further technical data**

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

**Clampable conductors**

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 60 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

**UL/CSA rated data**

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

**Ordering data**

Dark beige/yellow Wemid

Beige/yellow PA

Blue/light blue PA

**Test plug**

PS

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

A

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1015800000 25

1015860000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1015900000 25

1015560000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

0.4...0.6

1

0.5...2.5

1.5...2.5

0.5...1.5

0.5...1.5

0.5...1.5

0.13...2.5 A 2

A 2

150 V/10 A/26...14 AWG

150 V/10 A/26...14 AWG

Cat. No. Qty.

1016000000 25

1015760000 25

1016160000 25

Type Cat. No. Qty.

PS 2.3 0180400000 20

**Switching examples**

**WDT 1.5/...**

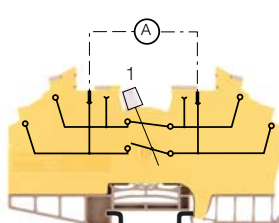
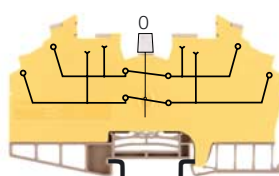
**Disconnect test terminals**

**W-series**

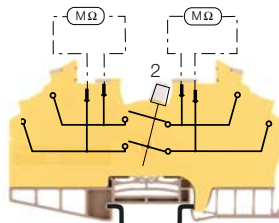
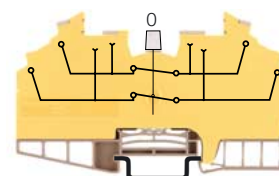
The WDT 1.5 enables the disconnection of one- and two-pole signal lines. By simply operating the selection switch, insulation and current measurements can be performed.

- Quick and reliable conductor connection thanks to TOP connection with open clamping unit
- Test point via test socket screw
- Clear colour coding of conductor connection, test point and switch position
- Non-symmetrical shape enhances mounting rail orientation
- High distortion stiffness thanks to dual-shell enclosed terminal carrier

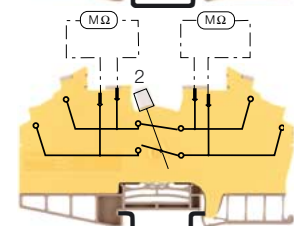
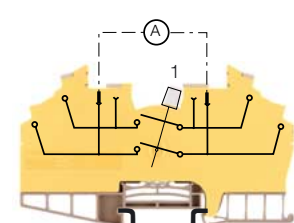
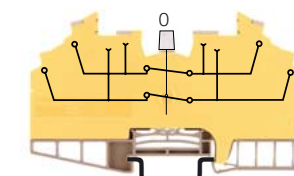
**WDT 1.5/1**  
with space-saving TOP connection



**WDT 1.5/2**  
with space-saving TOP connection



**WDT 1.5/3**  
with space-saving TOP connection



**Marking tags**



DEK Standard  
WS White neutral  
WS indiv. printed

**Print**

DEK 6.5 see "Accessories"  
WS 8/5 1640740000 720  
WS 8/5 1773360000 300

DEK 6.5 see "Accessories"  
WS 8/5 1640740000 720  
WS 8/5 1773360000 300

DEK 6.5 see "Accessories"  
WS 8/5 1640740000 720  
WS 8/5 1773360000 300

Mounting rails, end brackets, further marking materials see "Accessories"

# Fuse terminals

## WTR 2.5/SI with fuse holder for G fuse inserts 5x20



## WTR 4/SI



**Note:**

With blown fuse the follow-on circuit is still under current. Disconnect lever to open circuit.

Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data of terminal base	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 947-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data	Version
	Dark beige Wemid
	Dark beige Wemid/LED
	Dark beige Wemid/LED
	Dark beige Wemid/LED
	Dark beige Wemid/LED

Partition/End plate	
WAP	WTW
Thickness 1.5 mm	Thickness 1.5 mm



Notching tool for QL WAW 2

### G fuse inserts 5 x 20 mm

Acc. to IEC 60127-2 (VDE 0820 T.2 BI <sup>2</sup> )	Rat. current (A):0.10 fast	0430300000	10
Rated voltage 250 V	0.20 fast	0430400000	10
Rated switch-off capacity 1500 A	0.25 fast	0430500000	10
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 fast	0430600000	10
	1.0 fast	0430700000	10
	1.6 fast	0430800000	10
	2.0 fast	0430900000	10
	2.5 fast	0431000000	10
	3.15 fast	0431100000	10
	4.0 fast	0431200000	10
	5.0 fast	0431300000	10
	6.3 fast	0431400000	10

Marking tags	Print
	DEK Standard
	WS White neutral
	WS indiv. printed

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Pay attention to the power loss of the fuse insert up to 1.6 W  
<sup>2)</sup> Maximum power loss 1.6 W

6.3 A <sup>1)</sup> /-		
5/60/83		
10 mm/M 2.5/3.5 x 0.6		
400 V/6.3 A <sup>2)</sup> /2.5 mm <sup>2</sup>		
6 kV/3		
0.4...0.8		
1/2		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5 <sup>3)</sup>		
0.13...4	A 3	
A		
A		
26		
400 V/10 A/22...10 AWG <sup>5)</sup>		

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP2.5-10BL	1050080000	50
WTW 2.5-10	1050100000	20
QL 2	0215800000	100
QL 3	0215900000	100
QL 4	0216000000	50
QL 10	0338000000	20
BS-M 2.5x4.5	1052100000	100
WQB B 24	1579060000	20
WAW 2	9004510000	1

6.3 A <sup>1)</sup> /-		
6/60/82		
13 mm/M 3/3.5 x 0.6		
400 V/6.3 A <sup>2)</sup> /4 mm <sup>2</sup>		
6 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...6		
0.5...4		
0.5...4		
0.5...4		
0.13...6	A 4	
32		
32		
300 V/6.3 A/22...10 AWG <sup>4)</sup>		
300 V/6.3 A/22...10 AWG <sup>4)</sup>		

Type	Cat. No.	Qty.
WTR 4 SI	7910240000	25
10-36 V CSA: 36 V/6.3 A/22...10 AWG	7914370000	25
35-70 V CSA: 70 V/6.3 A/22...10 AWG	7914380000	25
60-150 V CSA: 150 V/6.3 A/22...10 AWG	7914390000	25
140-250 V CSA: 250 V/6.3 A/22...10 AWG	7914400000	25
WAP 2.5-10	1050000000	50
WAP2.5-10BL	1050080000	50
WTW 2.5-10	1050100000	20
ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	60
ZQV 4N/41	1758270000	60
QB75/6.2/15	0535200000	20
ISPF QB75 SW	0526700000	20
ISPF QB75 BL	0526780000	20
ISPF QB75 RT	0526760000	20

0430300000	10	0430300000	10
0430400000	10	0430400000	10
0430500000	10	0430500000	10
0430600000	10	0430600000	10
0430700000	10	0430700000	10
0430800000	10	0430800000	10
0430900000	10	0430900000	10
0431000000	10	0431000000	10
0431100000	10	0431100000	10
0431200000	10	0431200000	10
0431300000	10	0431300000	10
0431400000	10	0431400000	10
DEK 6	see "Accessories"	DEK 6	see "Accessories"
WS 12/6	1609900000	600	1609900000
WS 12/6	1609910000	120	1609910000


<sup>4)</sup> WTR 4 SI  
<sup>5)</sup> WTR 2.5 SI

# Fuse terminals

**Note:**  
With blown fuse the follow-on circuit is still under current. Disconnect lever to open circuit..

Max. technical data

**Dimensions/approvals**

Width/length/height (mm) with TS 35 x 7.5   
Insulation stripping length/clamping screw/screwdriver blade

**Rated data of terminal base**

Rated voltage/current/cross-section  
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

**Further technical data**

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

**Clampable conductors**

Solid H07V-U mm<sup>2</sup>  
Stranded H07V-R mm<sup>2</sup>  
Flexible H07V-K mm<sup>2</sup>  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>  
Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size  
Cont. current of cross-connect. 2-pole A  
Cont. current of cross-connect. multi-pole A

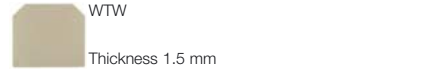
**UL/CSA rated data**

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

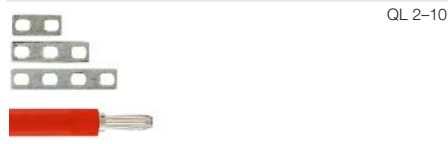
**Ordering data**

Version	Qty.
Dark beige Wemid	
Dark beige Wemid/LED	
Dark beige Wemid/LED	
Dark beige Wemid/LED	

**Partition/End plate**



**Cross-connection**



**D fuse inserts**

Rated voltage 500 V	Qty.
E 10 A	25
E 16 A	25
E 20 A	25
E 25 A	25

**Gauge rings**

P 16/10	100
P 16/16	100
P 16/20	100

**Screw cap (spare)**

SK	20
----	----

**Marking tags**



**Mounting rails, end brackets, further marking materials see "Accessories"**

<sup>1)</sup> Also for 400 V - with Neozed marine fuse  
<sup>2)</sup> Current for overload up to 10 A, for short-circuits up to 25 A

## SAKS 2/35

for D fuses E 16



28/80/75  
12 mm/M 4/5.5 x 1

500 V/10 (25) A<sup>1)</sup>/10 mm<sup>2</sup>  
6 kV/3

1.2...2.4 Nm  
4

0.5...16 mm<sup>2</sup>  
0.5...10 mm<sup>2</sup>  
0.5...10 mm<sup>2</sup>  
0.5...10 mm<sup>2</sup>  
0.33...16 mm<sup>2</sup> Size B 6  
(QL 2...5) 47 A  
(QL 6...10) 36 A

**600 V/25 A/22...8 AWG**

Version	Cat. No.	Qty.
Dark beige Wemid KrG		
	<b>1368700000</b>	20
Diazed E 16		

Type	Cat. No.	Qty.
WTW	<b>1058800000</b>	20

QL 2	<b>0207800000</b>	20
QL 3	<b>0207900000</b>	20
QL 4	<b>0208000000</b>	20
QL 10	<b>0338900000</b>	20
BS M 4x9	<b>0103300000</b>	100
SS M 4	<b>0136400000</b>	100

**D fuse inserts**

Rated voltage 500 V	Qty.
E 10 A	25
E 16 A	25
E 20 A	25
E 25 A	25

**Gauge rings**

P 16/10	100
P 16/16	100
P 16/20	100

**Screw cap (spare)**

SK	<b>0284110000</b>	20
----	-------------------	----

DEK 5	see "Accessories"
WS 12/6.5	<b>1609920000</b> 540
WS 12/6.5	<b>1609930000</b> 108

## SAKS 4/35

for D 01 fuses E 14



24/75/66  
14 mm/M 4/5.5 x 1

400 V<sup>1)</sup>/16 A/10 mm<sup>2</sup>  
6 kV/3

1.2...2.4 Nm  
4

0.5...16 mm<sup>2</sup>  
1.5...10 mm<sup>2</sup>  
0.5...10 mm<sup>2</sup>  
0.5...10 mm<sup>2</sup>  
0.33...16 mm<sup>2</sup> Size B 6  
(QL 2...5) 47 A  
(QL 6...10) 36 A

**600 V/30 A/22...8 AWG**

Version	Cat. No.	Qty.
Dark beige Wemid KrG		
	<b>0501800000</b>	20
Neozed D 01		

Type	Cat. No.	Qty.
WTW	<b>1058800000</b>	20

QL 2	<b>0328000000</b>	20
QL 3	<b>0328100000</b>	20
QL 4	<b>0328200000</b>	20
QL 10	<b>0339000000</b>	20
BS M 4x9	<b>0103300000</b>	100
SS M 4	<b>0136400000</b>	100

**D 01 fuse inserts**

Rated voltage 400 V	Qty.
E 14/2	10
E 14/4	10
E 14/6	10
E 14/10	10
E 14/16	10

**Gauge rings**

P 14/2	<b>0138000000</b>	50
P 14/4	<b>0138100000</b>	50
P 14/6	<b>0328600000</b>	50
P 14/10	<b>0328700000</b>	50

**Screw cap (spare)**

SK	<b>0339410000</b>	20
----	-------------------	----

DEK 5	see "Accessories"
WS 12/6.5	<b>1609920000</b> 540
WS 12/6.5	<b>1609930000</b> 108

## SAKS 5/35

for D 02 fuses E 18



28/80/66  
13 mm/M 4/5.5 x 1

400 V<sup>1)</sup>/63 A/16 mm<sup>2</sup>  
6 kV/3

1.2...2.4 Nm  
4

1.5...16 mm<sup>2</sup>  
1.5...16 mm<sup>2</sup>  
1.5...16 mm<sup>2</sup>  
1.5...16 mm<sup>2</sup>  
1.5...16 mm<sup>2</sup> Size B 7  
(QL 2...5) 47 A  
(QL 6...10) 36 A

**600 V/63 A/14...6 AWG**

Version	Cat. No.	Qty.
Dark beige Wemid KrG		
	<b>0502100000</b>	20
Neozed D 02		

Type	Cat. No.	Qty.
WTW	<b>1058800000</b>	20

QL 2	<b>0207800000</b>	20
QL 3	<b>0207900000</b>	20
QL 4	<b>0208000000</b>	20
QL 10	<b>0338900000</b>	20
BS M 4x9	<b>0103300000</b>	100
SS M 4	<b>0136400000</b>	100

**D 02 fuse inserts**

Rated voltage 400 V	Qty.
E 18/20	10
E 18/25	10
E 18/35	10
E 18/50	10
E 18/63	10

**Gauge rings**

P 18/20	<b>0361800000</b>	50
P 18/25	<b>0361900000</b>	50
P 18/35	<b>0362000000</b>	50
P 18/50	<b>0362100000</b>	50

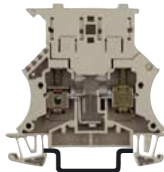
**Screw cap (spare)**

SK	<b>0359310000</b>	20
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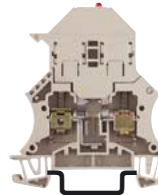
DEK 5	see "Accessories"
WS 12/6.5	<b>1609920000</b> 540
WS 12/6.5	<b>1609930000</b> 108

# Fuse terminals

## WSI 6 for metric fuses



## WSI 6 LD with LED indicator for DC or AC voltage



2-pole  
connection  
of LED

## WSI 6 2 LD with 2 LEDs for metric fuses, for DC voltage

**Note:**  
Voltage is disconnected by opening the disconnect lever  
If the fuse of the LED variants is defective, the follow-on circuit is still under current, since low-level current is still flowing via the LED (for own consumption).

Max. technical data

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data of terminal base

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Version

Dark beige Wemid

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED

Replacement disconnect lever, dark beige Wemid/LED

### Partition/End plate

WAP Thickness 1.5 mm

WTW Thickness 1.5 mm

### Cross-connection/Test plug/Notching tool

QL 2-10

Notching tool for QL WAW 2

Acc. to DIN 41 576 Rated current (A):0.2 med. blow

Rated voltage 250 V 0.5 med. blow

0.8 med. blow

1 med. blow

10 med. blow

2 fast

4 fast

6.3 fast

### G fuse inserts 5 x 20 mm

Acc. to IEC 60127-2 (VDE0820T.2 BI 1) rated current (A):0.10 fast

Rated voltage 250 V 0.20 fast

Rated switch-off capacity 1500 A 0.25 fast

(at 250 V, 50 Hz, cos φ = 0.7) 0.50 fast

1.0 fast

1.6 fast

2.0 fast

2.5 fast

3.15 fast

4.0 fast

5.0 fast

6.3 fast

### Mounting rails, end bracket, marking material see "Accessories"

6.3 A/-

8/60/60

12 mm/M 3.5/4.0 x 0.8

500 V<sup>2)</sup> /6.3 A<sup>1)</sup> /6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

26

300 V/10 A/20...8 AWG

300 V/10 A/20...8 AWG

Cat. No. Qty.

1011000000 50

1028200000 50

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

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1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

1050100000 20

6.3 A/-

8/60/70

12 mm/M 3.5/4.0 x 0.8

500 V<sup>2)</sup> /6.3 A<sup>1)</sup> /6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

26

300 V/10 A/20...8 AWG

300 V/10 A/20...8 AWG

Cat. No. Qty.

1011300000 50

1012200000 50

1012300000 50

1012400000 50

1012230000 50

1012210000 50

1035500000 50

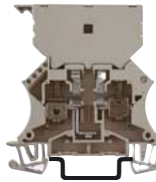
This item has been replaced by  
WSI 6 LD with the same functional-  
ity (see left side).  
Pay attention to the voltage  
ranges!

<sup>1)</sup> Maximum power loss 1.6 W

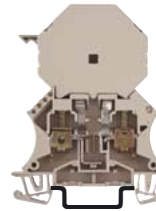
<sup>2)</sup> Rated voltage 500 V for centrally arranged  
fuse inserts or contact sleeves

# Fuse terminals

## WSI 6/2<sup>1)</sup> for inch fuses



## WSI 6/2<sup>1)</sup> with LED for inch fuses VAC/VDC



2-pole  
connection  
of LED

## WSI 6/2<sup>1)</sup> with 2 LEDs for inch fuses only VDC

**Note:**  
Voltage is disconnected by opening the disconnect lever  
If the fuse of the LED variants is defective, the follow-on circuit is still under current, since low-level current is still flowing via the LED (for own consumption).

Max. technical data

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data of terminal base

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to 947-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

#### Version

Dark beige Wemid

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

Dark beige Wemid/LED

### Partition/End plate

WAP

WTW



Thickness 1.5 mm

Thickness 1.5 mm

### Cross-connection



QL 2-10



Notching tool for QL WAW 2

### G fuse inserts 5 x 25 mm with indicator

Acc. to DIN 41 576 Rated current (A): 0.2 med. blow

Rated voltage 250 V 0.5 med. blow

0.8 med. blow

1 med. blow

10 med. blow

2 fast

4 fast

6.3 fast

### G fuse inserts 5 x 20 mm

Rated current (A): 0.10 fast

Acc. to IEC 60127-2 (VDE0820T.2 BI 1)

Rated voltage 250 V

Rated switch-off capacity 1500 A

(at 250 V, 50 Hz, cos φ = 0.7)

10 A/-

LR DN

12/60/67

12 mm/M 3.5/4.0 x 0.8

500 V<sup>3)</sup> /6.3 A<sup>2)</sup>/6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

26

600 V/16 A/20...8 AWG

600 V/16 A/20...8 AWG

Version	Cat. No.	Qty.
Dark beige Wemid	1014000000	25

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

Provide partition behind the last WSI 6

Type	Cat. No.	Qty.
QL 2	0470700000	50
QL 3	0470800000	50
QL 4	0470900000	50
QL 10	0471000000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

Fuse inserts

1/4" x 1 1/4" (6.3 x 32) rated voltage 440 V

E 2 A 0294500000 10

E 3 A 0295700000 10

E 5 A 0294600000 10

E 7 A 0295800000 10

E 10 A 0293900000 10

0430300000 10

G fuses

1/4" x 1 1/4" (6.3 x 32)

(250 V 0.05...6.3 A)

can be obtained from co. ELU

Inselstraße 18

44143 Dortmund, Germany

+49 (0) 231 - 557030-0.

10 A/-

LR DN

12/60/79

12 mm/M 3.5/4.0 x 0.8

500 V<sup>3)</sup> /6.3 A<sup>2)</sup>/6 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...10

1.5...10

0.5...10

0.5...6

0.5...6

0.5...10 A 5

26

600 V/16 A/20...8 AWG

10-220 V/16 A/20...8 AWG

Version	Cat. No.	Qty.
Dark beige Wemid	1014000000	25
Dark beige Wemid/LED	1014200000	25
Dark beige Wemid/LED	1014300000	25
Dark beige Wemid/LED	1014400000	25

10...36 V dc/ac 1014100000 25

30...70 V dc/ac 1014200000 25

60...150 V dc/ac 1014300000 25

60...150 Vdc 1014400000 25

140...250 Vac

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

Type	Cat. No.	Qty.
QL 2	0470700000	50
QL 3	0470800000	50
QL 4	0470900000	50
QL 10	0471000000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1

### Marking tags



DEK

WS

DEK Standard

WS White neutral

WS indiv. printed

### Print

DEK see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

DEK see "Accessories"

WS 12/6.5 1609920000 540

WS 12/6.5 1609930000 108

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Thermal rated current acc. to VDE 0611 = 6.3 A, when used as short-circuit fuse only up to 15 A.

<sup>2)</sup> Maximum power loss 1.6 W

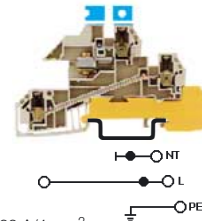
<sup>3)</sup> Rated voltage 500 V for centrally arranged fuse inserts or contact sleeves



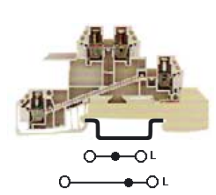
# Distribution terminals for N rail 10 x 3

## Terminals/accessories

### WDL 2.5/S/ NT/L/PE



### WDL 2.5/S/ L/L



Installation specifications for heavy-current installations up to 1000 V (according to VDE 0100; IEC 364) require an insulation measurement test of the erected installation. Special regulations stipulate an insulation measurement of all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. These requirements are met by the three-way terminal WDL. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner.

### WDL 2.5/S...

N cross-connection with the proven busbar system 10 x 3 mm up to 140 A. The supply power of the busbar is fed directly via a separate clamping yoke (ZB 35) or a N disconnect terminal from the WNT-series.

### WDL 2.5/S/L/L

Three-phase circuits can be realized by combining three-way terminals (L 1, NT, PE) with WDL 2.5/S/L/L two-way terminals (L 2, L 3).

Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/current/cross-section	
Rated voltage/surge voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size
Cont. current of cross-connect. Q multi-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Version
	for TS 35 / Dark beige Wemid

32 A/4 mm<sup>2</sup>

6/84.5/48.7		
8 mm/M 2.5/3.5 x 0.6		
VDE 0611 Part 4		
250V/400V/24 A/2.5 mm <sup>2</sup>		
250V/400 V/4 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.25...2.5		
0.25...2.5		
0.13...4	A 3	
24		
UL/CSA rated data		
300 V/15 A/22...12 AWG		
300 V/10 A/26...12 AWG		
Ordering data		
	Cat. No.	Qty.
	1030600000	50
(NT connection coded blue)		

32 A/4 mm<sup>2</sup>

6/84.5/48.7		
8 mm/M 2.5/3.5 x 0.6		
IEC 60 947-7-1		
400 V/24 A/2.5 mm <sup>2</sup>		
400 V/6 kV/3		
0.4...0.6		
1		
0.5...4		
1.5...4		
0.5...4		
0.25...2.5		
0.25...2.5		
0.13...4	A 3	
24		
UL/CSA rated data		
300 V/15 A/22...12 AWG		
300 V/10 A/26...12 AWG		
Ordering data		
	Cat. No.	Qty.
	1031200000	50

### End plate



Type	Cat. No.	Qty.
WAP WDL 2.5/S	1067700000	20

Type	Cat. No.	Qty.
WAP WDL 2.5/S	1067700000	20

### Support plate



for SSch 10 x 3  
Blue Wemid  
Thickness 1.5 mm  
Distance WHP-WHP max. 200 mm

WHP WDL 2.5/S	1067980000	20
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### Small partition for Q

TSch 1	0319160000	100
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TSch 1	0319160000	100
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### Cross-connection (L/N/NT)



Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

Q 2	1071500000	50
Q 3	1071600000	50
Q 4	1071700000	50
Q 10	1071800000	20
Q 20	1074200000	20

### Busbar 10 x 3

Distance f. upper edge busbar to upper edge of TS 35 = 25.5 mm  
Cu 140 A



SSch 10 x 3 Cu	0348900000	1 m
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### Clamping yoke



Supply for SSch 10 x 3  
16...50 mm<sup>2</sup> stranded  
16...35 mm<sup>2</sup> flexible  
Gauge pin B9

ZB 35 K	0502680000	50
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### N-Disconnect terminal

as input terminals

WNT 10	1010980000	50
WNT 16 N	1019000000	50
WNT 70 N	9512210000	10

### End bracket

WEW 35 / 2	1061200000	50
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WEW 35 / 2	1061200000	50
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### Marking tags

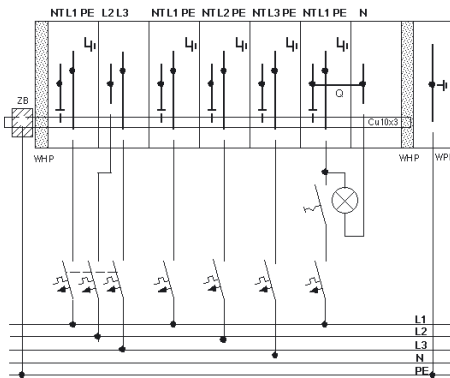


Print  
DEK Standard  
WS White neutral  
WS indiv. printed

DEK 6	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

DEK 6	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

Mounting rails, end brackets, further marking materials see "Accessories"



# Distribution terminals for N rail 10 x 3

## WDL 2.5/S blocks for a three-phase circuit for three AC circuits



32 A/4 mm <sup>2</sup>
12/18/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
250V/400V/24 A/2.5 mm <sup>2</sup>
250V/400V/4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4 A 3
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
Block of 3; 1030600000
= <b>1034200000</b> 25
Block of 1 à 1 piece 1030600000 a.
1031200000 = <b>1034100000</b> 20
Type Cat. No. Qty.

WAP WDL 2.5/S **1067700000** 20

WHP WDL 2.5/S **1067980000** 20

TSch 1 <b>0319160000</b> 100
Q 2 <b>1071500000</b> 50
Q 3 <b>1071600000</b> 50
Q 4 <b>1071700000</b> 50
Q 10 <b>1071800000</b> 20
Q 20 <b>1074200000</b> 20

SSch 10 x 3 Cu **0348900000** 1 m

ZB 35 K **0502680000** 50

WNT 10 **1010980000** 50  
WNT 16 N **1019000000** 50  
WNT 70 N **9512210000** 10

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"  
WS 8/5 **1640740000** 720  
WS 8/5 **1773360000** 300

## WDL 2.5/S/N



32 A/4 mm <sup>2</sup>
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
<b>IEC 60 947-7-1</b>
400 V/24 A/2.5 mm <sup>2</sup>
400 V/6 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4 A 3
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
(N connection coded blue)
<b>1030900000</b> 50
Type Cat. No. Qty.

WAP WDL 2.5/S **1067700000** 20

TSch 1 <b>0319160000</b> 100
Q 2 <b>1071500000</b> 50
Q 3 <b>1071600000</b> 50
Q 4 <b>1071700000</b> 50
Q 10 <b>1071800000</b> 20
Q 20 <b>1074200000</b> 20

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"  
WS 8/5 **1640740000** 720  
WS 8/5 **1773360000** 300

## WDL 2.5/S/L



32 A/4 mm <sup>2</sup>
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
<b>IEC 60 947-7-1</b>
400 V/24 A/2.5 mm <sup>2</sup>
400 V/6 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4 A 3
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1031300000</b> 50
Type Cat. No. Qty.

WAP WDL 2.5/S **1067700000** 20

TSch 1 <b>0319160000</b> 100
Q 2 <b>1071500000</b> 50
Q 3 <b>1071600000</b> 50
Q 4 <b>1071700000</b> 50
Q 10 <b>1071800000</b> 20
Q 20 <b>1074200000</b> 20

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"  
WS 8/5 **1640740000** 720  
WS 8/5 **1773360000** 300

## WDL 2.5/S/ N/L



32 A/4 mm <sup>2</sup>
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
<b>IEC 60 947-7-1</b>
400 V/24 A/2.5 mm <sup>2</sup>
400 V/6 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4 A 3
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
(N connection coded blue)
<b>1030800000</b> 50
Type Cat. No. Qty.

WAP WDL 2.5/S **1067700000** 20

TSch 1 <b>0319160000</b> 100
Q 2 <b>1071500000</b> 50
Q 3 <b>1071600000</b> 50
Q 4 <b>1071700000</b> 50
Q 10 <b>1071800000</b> 20
Q 20 <b>1074200000</b> 20

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"  
WS 8/5 **1640740000** 720  
WS 8/5 **1773360000** 300

## WDL 2.5/S/ N/L/PE



32 A/4 mm <sup>2</sup>
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
250V/400V/24 A/2.5 mm <sup>2</sup>
250V/400 V/4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4 A 3
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
(N connection coded blue)
<b>1030700000</b> 50
Type Cat. No. Qty.

WAP WDL 2.5/S **1067700000** 20

TSch 1 <b>0319160000</b> 100
Q 2 <b>1071500000</b> 50
Q 3 <b>1071600000</b> 50
Q 4 <b>1071700000</b> 50
Q 10 <b>1071800000</b> 20
Q 20 <b>1074200000</b> 20

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"  
WS 8/5 **1640740000** 720  
WS 8/5 **1773360000** 300

## WDL 2.5/S/ L/L/PE



32 A/4 mm <sup>2</sup>
6/84.5/48.7
8 mm/M 2.5/3.5 x 0.6
250V/400V/24 A/2.5 mm <sup>2</sup>
250V/400 V/4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
0.25...2.5
0.13...4 A 3
24
300 V/15 A/22...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1031100000</b> 50
Type Cat. No. Qty.

WAP WDL 2.5/S **1067700000** 20

TSch 1 <b>0319160000</b> 100
Q 2 <b>1071500000</b> 50
Q 3 <b>1071600000</b> 50
Q 4 <b>1071700000</b> 50
Q 10 <b>1071800000</b> 20
Q 20 <b>1074200000</b> 20

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"  
WS 8/5 **1640740000** 720  
WS 8/5 **1773360000** 300

# Distribution terminals with N cross-connection WQV

Installation specifications for heavy-current installations up to 1000 V (according to VDE 0100; IEC 364) require an insulation measurement test of the erected installation. Special regulations stipulate an insulation measurement of all outgoing conductors (L 1, L 2, L 3, N) without making any disconnections. These requirements are met by the three-way terminal WDL. Circuits can be connected on three levels across a width of only 6 mm in a clear and space-saving manner.

## WDL 2.5...

N cross-connection with the cross-connection system WQV 4 from the W-series. The supply power of the busbar is fed directly via a clamping yoke (4/6 mm<sup>2</sup> = A 4) into the terminal up to 32 A.


## WDL 2.5/L/L

Three-phase circuits can be realized by combining three-way terminals (L 1, NT, PE) with WDL 2.5/S/L/L two-way terminals (L 2, L 3).

## Terminals/accessories

Max. technical data

### Dimensions / approvals

Width/length/height (mm) with TS 35 x 7.5   
Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section  
Rated voltage/impulse voltage/pollution severity

### Further technical data

Tightening torque range Nm  
Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U	mm <sup>2</sup>	0.5...4/6 <sup>2)</sup>
Stranded H07V-R	mm <sup>2</sup>	1.5...4/6 <sup>2)</sup>
Flexible H07V-K	mm <sup>2</sup>	0.5...4/6 <sup>2)</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	0.5...2.5 <sup>2)</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>	0.5...2.5 <sup>2)</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to 60 947-7-1	Size	0.13...4 A 3/A 4 <sup>2)</sup>
Cont. current of cross-connect. Q multi-pole	A	24
Cont. current of cross-connect. WQV 4 multi-pole	A	29 (central feed 40A)

### UL/CSA rated data

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

### Ordering data

### Version

for TS 35 / Dark beige Wemid

## WDL 2.5/NT/L/PE



32 A/4 mm<sup>2</sup>



6/90/48.7

8 mm/M 2.5/3<sup>2)</sup>/3.5 x 0.6

### VDE 0611 Part 4

250V/400V/24 A/2.5/4<sup>2)</sup> mm<sup>2</sup>  
250V/400 V/4 kV/3

## WDL 2.5/L/L



32 A/4 mm<sup>2</sup>



6/90/48.7

8 mm/M 2.5/3<sup>2)</sup>/3.5 x 0.6

### IEC 60 947-7-1

400 V/24 A/2.5/4<sup>2)</sup> mm<sup>2</sup>  
400 V/6 kV/3

0.5...0.6

1

0.5...4/6<sup>2)</sup>

1.5...4/6<sup>2)</sup>

0.5...4/6<sup>2)</sup>

0.5...2.5<sup>2)</sup>

0.5...2.5<sup>2)</sup>

0.13...4

24

29 (central feed 40A)

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.

**1029800000** 50

(NT connection

coded blue)

Type Cat. No. Qty.

WAP WDL 2.5

**1067800000** 20

TSch 1 **0319160000** 100

Q 2 **1071500000** 50

Q 3 **1071600000** 50

Q 4 **1071700000** 50

Q 10 **1071800000** 20

Q 20 **1074200000** 20

WQV 4/2 **1051960000** 50

WQV 4/3 **1054560000** 50

WQV 4/4 **1054660000** 50

WQV 4/10 **1052060000** 20

WAW 1 **9004500000** 1

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

0.5...0.6

1

0.5...4/6<sup>2)</sup>

1.5...4/6<sup>2)</sup>

0.5...4/6<sup>2)</sup>

0.5...2.5<sup>2)</sup>

0.5...2.5<sup>2)</sup>

0.13...4

24

31

300 V/15 A/22...12 AWG

300 V/10 A/26...12 AWG

 Cat. No. Qty.

**1030300000** 50

Type Cat. No. Qty.

WAP WDL 2.5

**1067800000** 20

TSch 1 **0319160000** 100

Q 2 **1071500000** 50

Q 3 **1071600000** 50

Q 4 **1071700000** 50

Q 10 **1071800000** 20

Q 20 **1074200000** 20

WQV 4/2 **1051960000** 50

WQV 4/3 **1054560000** 50

WQV 4/4 **1054660000** 50

WQV 4/10 **1052060000** 20

WAW 1 **9004500000** 1

WEW 35 / 2 **1061200000** 50

DEK 6 see "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

### End plate



### Small partition



### Cross-connection (L, NT, N)



### Cross-connection<sup>1)</sup> input (L, NT, N)



### Notching tool for WQV



### End bracket



### Marking tags

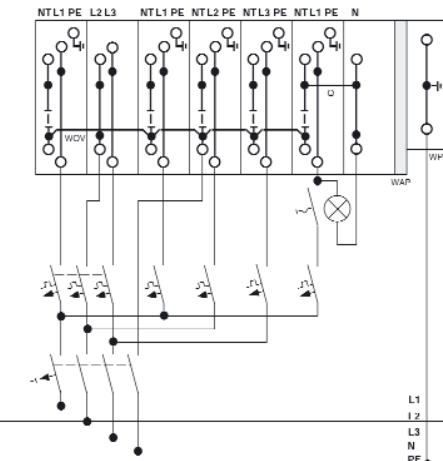


Print  
DEK Standard  
WS White neutral  
WS indiv. printed

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> Cross-connection WQV 4

<sup>2)</sup> Values refer to top left clamping unit (A4)



# Distribution terminals with N-Cross-connection WQV

## WDL 2.5/N



32 A/4 mm<sup>2</sup>  
  
 6/90/48.7  
 8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

**IEC 60 947-7-1**  
 400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>  
 400 V/6 kV/3

0.5...0.6  
 1  
 0.5...4/6<sup>2</sup>  
 1.5...4/6<sup>2</sup>  
 0.5...4/6<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 A 3/A 4<sup>2</sup>  
 24  
 32

300 V/15 A/22...12 AWG  
 300 V/10 A/26...12 AWG  

Type	Cat. No.	Qty.
(N connection coded blue)	<b>1030100000</b>	50

Type	Cat. No.	Qty.
WAP WDL 2.5	<b>1067800000</b>	20

TSch 1	<b>0319160000</b>	100
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Q 2	<b>1071500000</b>	50
Q 3	<b>1071600000</b>	50
Q 4	<b>1071700000</b>	50
Q 10	<b>1071800000</b>	20
Q 20	<b>1074200000</b>	20

WQV 4/2	<b>1051960000</b>	50
WQV 4/3	<b>1054560000</b>	50
WQV 4/4	<b>1054660000</b>	50
WQV 4/10	<b>1052060000</b>	20
WAW 1	<b>9004500000</b>	1

WEW 35 / 2	<b>1061200000</b>	50
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DEK 6	see "Accessories"
WS 8/5	<b>1640740000</b> 720
WS 8/5	<b>1773360000</b> 300

## WDL 2.5/L



32 A/4 mm<sup>2</sup>  
  
 6/90/48.7  
 8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

**IEC 60 947-7-1**  
 400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>  
 400 V/6 kV/3

0.5...0.6  
 1  
 0.5...4/6<sup>2</sup>  
 1.5...4/6<sup>2</sup>  
 0.5...4/6<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 A 3/A 4<sup>2</sup>  
 24  
 32

300 V/15 A/22...12 AWG  
 300 V/10 A/26...12 AWG  

Type	Cat. No.	Qty.
(N connection coded blue)	<b>1030400000</b>	50

Type	Cat. No.	Qty.
WAP WDL 2.5	<b>1067800000</b>	20

TSch 1	<b>0319160000</b>	100
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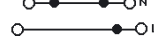
Q 2	<b>1071500000</b>	50
Q 3	<b>1071600000</b>	50
Q 4	<b>1071700000</b>	50
Q 10	<b>1071800000</b>	20
Q 20	<b>1074200000</b>	20

WQV 4/2	<b>1051960000</b>	50
WQV 4/3	<b>1054560000</b>	50
WQV 4/4	<b>1054660000</b>	50
WQV 4/10	<b>1052060000</b>	20
WAW 1	<b>9004500000</b>	1

WEW 35 / 2	<b>1061200000</b>	50
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DEK 6	see "Accessories"
WS 8/5	<b>1640740000</b> 720
WS 8/5	<b>1773360000</b> 300

## WDL 2.5/N/L



32 A/4 mm<sup>2</sup>  
  
 6/90/48.7  
 8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

**IEC 60 947-7-1**  
 400 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>  
 400 V/6 kV/3

0.5...0.6  
 1  
 0.5...4/6<sup>2</sup>  
 1.5...4/6<sup>2</sup>  
 0.5...4/6<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 A 3/A 4<sup>2</sup>  
 24  
 31

300 V/15 A/22...12 AWG  
 300 V/10 A/26...12 AWG  

Type	Cat. No.	Qty.
(N connection coded blue)	<b>1030000000</b>	50

Type	Cat. No.	Qty.
WAP WDL 2.5	<b>1067800000</b>	20

TSch 1	<b>0319160000</b>	100
--------	-------------------	-----

Q 2	<b>1071500000</b>	50
Q 3	<b>1071600000</b>	50
Q 4	<b>1071700000</b>	50
Q 10	<b>1071800000</b>	20
Q 20	<b>1074200000</b>	20

WQV 4/2	<b>1051960000</b>	50
WQV 4/3	<b>1054560000</b>	50
WQV 4/4	<b>1054660000</b>	50
WQV 4/10	<b>1052060000</b>	20
WAW 1	<b>9004500000</b>	1

WEW 35 / 2	<b>1061200000</b>	50
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DEK 6	see "Accessories"
WS 8/5	<b>1640740000</b> 720
WS 8/5	<b>1773360000</b> 300

## WDL 2.5/N/L/PE



32 A/4 mm<sup>2</sup>  
  
 6/90/48.7  
 8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

250V/400V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>  
 250V/400 V/4 kV/3

0.5...0.6  
 1  
 0.5...4/6<sup>2</sup>  
 1.5...4/6<sup>2</sup>  
 0.5...4/6<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 A 3/A 4<sup>2</sup>  
 24  
 31 (central feed 40A)

300 V/15 A/22...12 AWG  
 300 V/10 A/26...12 AWG  

Type	Cat. No.	Qty.
(N connection coded blue)	<b>1029900000</b>	50

Type	Cat. No.	Qty.
WAP WDL 2.5	<b>1067800000</b>	20

TSch 1	<b>0319160000</b>	100
--------	-------------------	-----

Q 2	<b>1071500000</b>	50
Q 3	<b>1071600000</b>	50
Q 4	<b>1071700000</b>	50
Q 10	<b>1071800000</b>	20
Q 20	<b>1074200000</b>	20

WQV 4/2	<b>1051960000</b>	50
WQV 4/3	<b>1054560000</b>	50
WQV 4/4	<b>1054660000</b>	50
WQV 4/10	<b>1052060000</b>	20
WAW 1	<b>9004500000</b>	1

WEW 35 / 2	<b>1061200000</b>	50
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DEK 6	see "Accessories"
WS 8/5	<b>1640740000</b> 720
WS 8/5	<b>1773360000</b> 300

## WDL 2.5/L/L/PE



32 A/4 mm<sup>2</sup>  
  
 6/90/48.7  
 8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

250V/400V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>  
 250V/400 V/4 kV/3

0.5...0.6  
 1  
 0.5...4/6<sup>2</sup>  
 1.5...4/6<sup>2</sup>  
 0.5...4/6<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 0.5...2.5<sup>2</sup>  
 A 3/A 4<sup>2</sup>  
 24  
 31

300 V/15 A/22...12 AWG  
 300 V/10 A/26...12 AWG  

Type	Cat. No.	Qty.
(N connection coded blue)	<b>1030200000</b>	50

Type	Cat. No.	Qty.
WAP WDL 2.5	<b>1067800000</b>	20

TSch 1	<b>0319160000</b>	100
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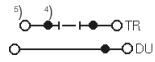
Q 2	<b>1071500000</b>	50
Q 3	<b>1071600000</b>	50
Q 4	<b>1071700000</b>	50
Q 10	<b>1071800000</b>	20
Q 20	<b>1074200000</b>	20

WQV 4/2	<b>1051960000</b>	50
WQV 4/3	<b>1054560000</b>	50
WQV 4/4	<b>1054660000</b>	50
WQV 4/10	<b>1052060000</b>	20
WAW 1	<b>9004500000</b>	1

WEW 35 / 2	<b>1061200000</b>	50
------------	-------------------	----

DEK 6	see "Accessories"
WS 8/5	<b>1640740000</b> 720
WS 8/5	<b>1773360000</b> 300

## WDL 2.5TR-DU WDL 2.5TR-DU-PE



only ...DU-PE:   
 31 A/4 mm<sup>2</sup> (...DU-PE 29 A)  
 6/90/48.7  
 8 mm/M 2.5/3<sup>2</sup>/3.5 x 0.6

250 V/24 A/2.5/4<sup>2</sup> mm<sup>2</sup>  
 250 V/4 kV/3

0.5...0.6  
 1  
 0.5...4  
 1.5...4  
 0.5...4  
 0.25...2.5  
 0.25...2.5  
 A 3  
 20  
 40

Type	Cat. No.	Qty.
...TR-DU	<b>1029820000</b>	50
...TR-DU-PE	<b>1029810000</b>	50

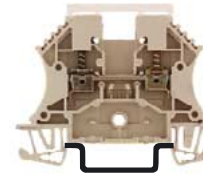
additional PE connection on bottom right side  

Type	Cat. No.	Qty.
WAP WDL 2.5	<b>1067800000</b>	20

<sup>2</sup>) Values refer only to top left clamping unit.

# Terminals for temperature measuring circuits

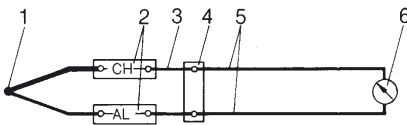
## WDU 2.5/TC



Weidmüller thermocouple terminals are specially designed to transmit very small voltages in temperature measuring circuits. Special busbars ensure that no false signals are transmitted in the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine performance test rigs, complicated chemical processes, controllers, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Stacking width 10 mm

### Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensating conductor
- 4 Reference junction
- 5 Supply conductors (to and from)
- 6 Measuring instrument

The thermocouple terminals shown in this measuring circuit thermoelectrically transmit thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature circuit.

### Technical data

Thermocouples acc. to IEC 584 (DIN 43 710)

Busbar		
	Typ K	Cromel Alumel
	Typ T	E-Copper Constantan
	Typ J	Iron Konstantan
	Typ R	E-Copper/ A-Copper
	Typ B	S-Copper/ E-Copper
	Typ E	Cromel- Constantan

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5 10/60/50.5  
Insulation stripping length/clamping screw/screwdriver blade 10 mm/M 2.5/3.5 x 0.6

### Rated data

Rated voltage/current/cross-section  $-/+/2.5 \text{ mm}^2$   
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

### Further technical data

Tightening torque range Nm 0.4...0.6  
Torque setting with DMS 2 electric screwdriver 1

### Clampable conductors

Solid H07V-U mm<sup>2</sup> 0.5...2.5  
Stranded H07V-R mm<sup>2</sup> 1.5...2.5  
Flexible H07V-K mm<sup>2</sup> 0.5...2.5  
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup> 0.5...2.5  
Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup> 0.5...2.5  
Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size 0.13...4 A 2  
Cont. current of cross-connect. 2-pole A  
Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

### Ordering data

	Version	
For thermocouples	Type K	NiCr – Ni
acc. to IEC 584	Type T	Cu – CuNi
(DIN 43710)	Type J	Fe – CuNi
	Type S u. R	PT 10% – Pt Rh/PT 13% – Pt Rh
	Type B	Pt 30% Rh – Pt 6% Rh
	Type E	NiCr – CuNi
	Type N	NiSiI – Nicrosil

### End plate

Type	Cat. No.	Qty.
WAP (thickness 1.5 mm) Dark beige Wemid		

### Partition

Type	Cat. No.	Qty.
WTW (thickness 1.5 mm) Dark beige Wemid		

### Ordering data

Type	Cat. No.	Qty.
WAP 2.5-10	105000000	50
WTW 2.5-10	1050100000	20

### Marking tags

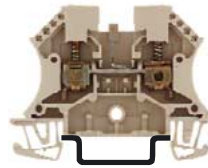
DEK	WS	Print	
		Standard	DEK 5 see "Accessories"
		neutral	WS 12/5 1609860000 720
		indiv. printed	WS 12/5 1773380000 300

Mounting rails, end brackets, further marking materials see "Accessories"



# Feed-through terminals with WSA plug adapter

## WDU 4 SA



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to IEC 60 947-7-1 Size	
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Dark beige Wemid
	Blue Wemid

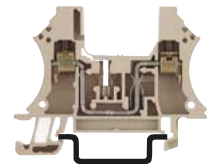
	6/60/47
10 mm/M 3/3.5 x 0.6	
400 V/34 A/4 mm <sup>2</sup>	
6 kV/3	
0.5...1.0	
2	
0.5...6	
1.5...6	
0.5...4	
0.5...4	
0.5...4	
0.13...6	
A 4	
300 V/25 A/22...12 AWG	
300 V/-/22...12 AWG	
	Cat. No. Qty.
	<b>1021100000</b> 100
	<b>1021180000</b> 100

## Feed-through terminals

for retrofitting electronic components

Max. technical data	
Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data IEC 60 947-7-1	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> / Gauge pin acc. to 60 947-1 Size	
Wire diameter of electronic components	
mm	
UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA
Ordering data	
	Dark beige Wemid

## WPO 4



	6/60/47
9 mm/M 3/3.5 x 0.6	
250 V/32 A/4 mm <sup>2</sup>	
4 kV/3	
0.5...1.0	
2	
0.5...4	
1.5...4	
0.5...4	
0.5...4	
0.5...4	
0.13...4	
A 3	
300 V/10 A/26...12 AWG	
300 V/10 A/26...12 AWG	
	Cat. No. Qty.
	<b>1036000000</b> 50

End plate	
	WAP (thickness 1.5 mm)
Partition	
	WTW (thickness 1.5 mm)
Cross-connection	
	Screening bar LS 2.8

Type	Cat. No.	Qty.
WAP 2.5-10	<b>1050000000</b>	20
WAP 2.5-10	<b>1050080000</b>	50
WTW 2.5-10	<b>1050100000</b>	20
WTW 2.5-10	<b>1050180000</b>	20
LS 2.8	<b>1056400000</b>	50

Barrier	
	Thickness 2.5 mm

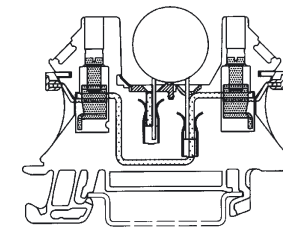
Type	Cat. No.	Qty.
ZR	<b>1071100000</b>	20

Busbar	
	SSch 7.3x1.2

	<b>1071200000</b>	1 m
--	-------------------	-----

Plug adapter WSA 2	
	380 V~/10 A/1.5 mm <sup>2</sup> Version with Crimp connections
	Version with screw connection TOPP system Green

WSA 2 <sup>1)</sup>	<b>0502360000</b> <sup>3)</sup>	20
WSA 2 <sup>2)</sup>	<b>0529760000</b> <sup>3)</sup>	20
WSA 2 TOP <sup>1)</sup>	<b>1333960000</b> <sup>3)</sup>	20
WSA 2 TOP <sup>2)</sup>	<b>1333860000</b> <sup>3)</sup>	20
WSA 2 TOP <sup>2)</sup>	<b>1334050000</b> <sup>3)</sup>	20
WSA 2 TOP <sup>2)</sup>	<b>1333760000</b> <sup>4)</sup>	20



WPO 4 with filled varistor  
Weidmüller varistor terminals have been designed for retrofitting electronic components, such as varistors, diodes, gas discharge tubes, etc.  
These electronic terminals no longer have to be configured prior installation to subsequently be delivered with soldered components which can no longer be distinguished.  
The significant advantages of this design are:

- Cost saving**  
Components can be changed quickly on site.  
Service is limited to visual inspection
- Clarity:**  
Components are easy to distinguish.
- Flexibility:**  
Components can immediately be adapted to changed conditions.

**Note:**  
Never change electronic components in energized systems

Overvoltage in a three-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

Covers	
	AH 2/3, AH 2/4, AH 2/5

AH 2/3	<b>0531660000</b>	20
AH 2/4	<b>0405360000</b>	20
AH 2/5	<b>0405560000</b>	20

Crimp contact 0.5-1.5 mm <sup>2</sup>	
	einzeln

AH 2/12	<b>0406160000</b>	20
C 1 E/L <sup>5)</sup>	<b>0198500000</b>	200

Marking tags		Print	
	DEK	Standard	DEK 6 see "Accessories"
	WS white	neutral	WS 12/6 <b>1609900000</b> 600
	WS	indiv. printed	WS 12/6 <b>1609910000</b> 120

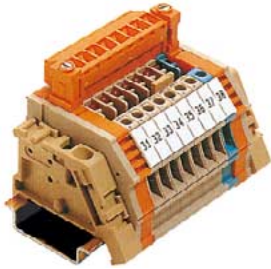
Marking tags		Print	
	DEK	Standard	DEK 6 see "Accessories"
	WS white	neutral	WS 12/6 <b>1609900000</b> 600
	WS	indiv. printed	WS 12/6 <b>1609910000</b> 120

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> With hook      <sup>3)</sup> With dovetail      <sup>5)</sup> Crimping tool, type CZ 22E **0560400000**  
<sup>2)</sup> without Rasthaken      <sup>4)</sup> Without dovetail

When using the screening bar rated data is reducedata!

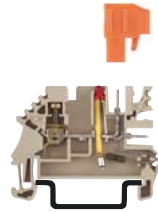
# Terminals with plug-in connection for BLA/BLZ connectors



## WDU 1.5/BLA



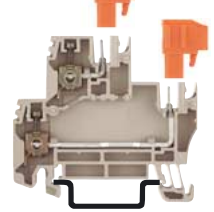
## WDU 1.5/LD/BLA with red LED



## WDU 1.5/R/BLA negative return conductor in blue



## WDK 2.5/BLA R 5.08 250 V



### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section

Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity

### Further technical data

Tightening torque range Nm

Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>

Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size

Cont. current of cross-connect. 2-pole A

Cont. current of cross-connect. multi-pole A

### UL/CSA rated data

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

### Ordering data

Type	Cat. No.	Qty.
Standard	<b>1577260000</b>	100
Blue		
With red LED		
With red LED		
With red LED		
With red LED		

### UL/CSA

5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

250 V/10 (2x8) A/1.5 mm<sup>2</sup>

4 kV/3

Nm 0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
Standard	<b>1577260000</b>	100

### UL/CSA

5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

- V/10 (2x8) A/1.5 mm<sup>2</sup>

Nm 0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

12...110 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
Standard	<b>1577270000</b>	100
12 V-	<b>1577280000</b>	100

### UL/CSA

5.08/45.4/57.5<sup>3)</sup>/45.0/55.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

- V/- A/1.5 mm<sup>2</sup>

Nm 0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

32

32

300 V/20 (2x10) A/26...16 AWG

-/-/26...12 AWG

Type	Cat. No.	Qty.
Standard	<b>1577310000</b>	100

### UL/CSA

5.08/58/53/63.5<sup>3)</sup>

10 mm/M 2.5/3.5 x 0.6

250 V/17.5<sup>2)</sup> A/2.5 mm<sup>2</sup>

4 kV/3

Nm 0.4...0.6

1

0.5...4/2.5

1.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5/1.5

0.5...2.5<sup>1)</sup>/1.5

0.13...4 A 3/A 1

-

-

300 V/20 (2x10) A/26...16 AWG

-/-/26...12 AWG

Type	Cat. No.	Qty.
Standard	<b>1038100000</b>	100

Fixed-pole blocks on request

### End plate/fixing bracket<sup>4)</sup>

WAP (thickness 2.5 mm)

WBB orange (thickness 5 mm)

### Cross-connection

WQV

WQV 2.5/2 **1053660000** 50

WQV 2.5/3 **1053760000** 50

WQV 2.5/4 **1053860000** 50

WQV 2.5/10 **1054460000** 20

### Negative conductor busbar

Notching tool for WQV

0.5 x 4 x 120 mm

### Cover for unassigned pins

WAD 5/2 **1577400000** 20

### Coding element

SLA-KO **1323560000** 100

### Socket strips

BLA 2...24	BLA 2...24 B	No. poles
BLA 4	BLA 4	4
BLA 6	BLA 6	6
BLA 8	BLA 8	8
BLA 4 B	With lateral dovetail guide	4
BLA 6 B		6
BLA 8 B		8

### Marking tags

DEK	Print
DEK 5	Standard see "Accessories"
WS 12/5	WS white neutral <b>1609860000</b> 720
WS 12/5	WS indiv. printed <b>1773380000</b> 300

Mounting rails, end brackets, further marking materials see "Accessories"

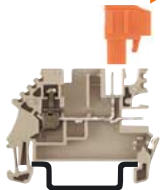
<sup>1)</sup> Ferrules with optimum diameter with 5 mm pitch/pitch 5 mm: Cat. No. **1333100000**  
<sup>2)</sup> 20 °C ambient temperature

<sup>3)</sup> With BLA

<sup>4)</sup> Set for screwing the connector to the terminal strip

# Terminals with plug-in connection for BLA/BLZ connectors

## WDU 1.5/BLZ 5.08



<b>UL</b> <b>CS</b> <b>CS</b>	5.08/45.4/57.5 <sup>3)</sup> /45.0/55.5
10 mm/M 2.5/3.5 x 0.6	
250 V/10 (2x8) A/1.5 mm <sup>2</sup>	
4 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 <sup>1)</sup>	
0.13...4	A 3/A 3
32	
32	
300 V/20 (2 x 10) A/26...16 AWG	
300 V/10 A/26...12 AWG	
for WQV Qty. for ZQV Qty.	
<b>1577340000</b> 100 <b>1784460000</b> 100	
<b>1596900000</b> 100 <b>1784470000</b> 100	

Type	Cat. No.	Qty.
With pin	<b>1577320000</b>	50
Without pin	<b>1577330000</b>	50
With pin	<b>1068260000</b>	10
Without pin	<b>1068160000</b>	10
for WQV Qty. for ZQV Qty.		
<b>1053660000</b> 50 <b>1693800000</b> 60		
<b>1053760000</b> 50 <b>1693810000</b> 60		
<b>1053860000</b> 50 <b>1693820000</b> 60		
<b>1054460000</b> 20 <b>1693880000</b> 20		

WAW 1	<b>9004500000</b>	1
ML-SSch	<b>1063200000</b>	3

WAD 5/2	<b>1577400000</b>	20
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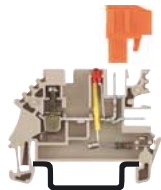
BLZ-KO	<b>1545710000</b>	100
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BLZ 4	<b>1526660000</b>	100
BLZ 6	<b>1526860000</b>	50
BLZ 8	<b>1527060000</b>	50
BLZ 4 B	<b>1528960000</b>	100
BLZ 6 B	<b>1529160000</b>	50
BLZ 8 B	<b>1529360000</b>	50

DEK 5	see "Accessories"	
WS 12/5	<b>1609860000</b>	720
WS 12/5	<b>1773380000</b>	300

## WDU 1.5/BLZ/LD/5.08

With red LED



<b>UL</b> <b>CS</b> <b>CS</b>	5.08/45.4/57.5 <sup>3)</sup> /45.0/55.5 <sup>3)</sup>
10 mm/M 2.5/3.5 x 0.6	
- V/10 (2x8) A/1.5 mm <sup>2</sup>	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 <sup>1)</sup>	
0.13...4	A 3/A 3
32	
32	
300 V/20 (2 x 10) A/26...16 AWG	
12...110 V/10 A/26...12 AWG	
for WQV Qty. for ZQV Qty.	
<b>1577350000</b> 100	
<b>1577360000</b> 100	
<b>1577370000</b> 100	

Type	Cat. No.	Qty.
With pin	<b>1577320000</b>	50
Without pin	<b>1577330000</b>	50
With pin	<b>1068260000</b>	10
Without pin	<b>1068160000</b>	10
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	20

WAW 1	<b>9004500000</b>	1
ML-SSch	<b>1063200000</b>	3

WAD 5/2	<b>1577400000</b>	20
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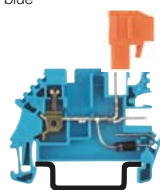
BLZ-KO	<b>1545710000</b>	100
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BLZ 4	<b>1526660000</b>	100
BLZ 6	<b>1526860000</b>	50
BLZ 8	<b>1527060000</b>	50
BLZ 4 B	<b>1528960000</b>	100
BLZ 6 B	<b>1529160000</b>	50
BLZ 8 B	<b>1529360000</b>	50

DEK 5	see "Accessories"	
WS 12/5	<b>1609860000</b>	720
WS 12/5	<b>1773380000</b>	300

## WDU 1.5/BLZ/R 5.08

Negative return conductor in blue



<b>UL</b> <b>CS</b> <b>CS</b>	5.08/45.4/57.5 <sup>3)</sup> /45.0/55.5 <sup>3)</sup>
10 mm/M 2.5/3.5 x 0.6	
- V/- A/1.5 mm <sup>2</sup>	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 <sup>1)</sup>	
0.13...4	A 3/A 3
32	
32	
300 V/20 (2 x 10) A/26...16 AWG	
- / - / 26...12 AWG	
for WQV Qty. for ZQV Qty.	
<b>1577390000</b> 100	

Type	Cat. No.	Qty.
With pin	<b>1577320000</b>	50
Without pin	<b>1577330000</b>	50
With pin	<b>1068260000</b>	10
Without pin	<b>1068160000</b>	10
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	20

WAW 1	<b>9004500000</b>	1
ML-SSch	<b>1063200000</b>	3

WAD 5/2	<b>1577400000</b>	20
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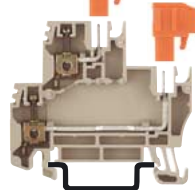
BLZ-KO	<b>1545710000</b>	100
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BLZ 4	<b>1526660000</b>	100
BLZ 6	<b>1526860000</b>	50
BLZ 8	<b>1527060000</b>	50
BLZ 4 B	<b>1528960000</b>	100
BLZ 6 B	<b>1529160000</b>	50
BLZ 8 B	<b>1529360000</b>	50

DEK 5	see "Accessories"	
WS 12/5	<b>1609860000</b>	720
WS 12/5	<b>1773380000</b>	300

## WDK 2.5/BLZ R 5.08

250 V



<b>UL</b>	5.08/58/53/63.5 <sup>3)</sup>
10 mm/M 2.5/3.5 x 0.6	
250 V/18 <sup>2)</sup> A/2.5 mm <sup>2</sup>	
4 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 <sup>1)</sup>	
0.13...4	A 3/A 3
-	
-	
300 V/10 A/26...12 AWG	
for WQV Qty. for ZQV Qty.	
<b>1034400000</b> 100	

Type	Cat. No.	Qty.
With pin	<b>1070100000</b>	20
Without pin	<b>1070000000</b>	20
With pin	<b>1072760000</b>	10
Without pin	<b>1072660000</b>	10
Cross-connection comb. insul.		
WQB A/2	<b>1578950000</b>	50
WQB A/3	<b>1578960000</b>	50
WQB A/4	<b>1578970000</b>	50
WQB A/10	<b>1578990000</b>	20

WAW 1	<b>9004500000</b>	1
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WAD 5/2	<b>1577400000</b>	20
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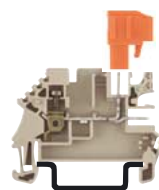
BLZ-KO	<b>1545710000</b>	100
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BLZ 4	<b>1526660000</b>	100
BLZ 6	<b>1526860000</b>	50
BLZ 8	<b>1527060000</b>	50
BLZ 4 B	<b>1528960000</b>	100
BLZ 6 B	<b>1529160000</b>	50
BLZ 8 B	<b>1529360000</b>	50

DEK 5	see "Accessories"	
WS 12/5	<b>1609860000</b>	720
WS 12/5	<b>1773380000</b>	300

## WDU 2.5/BLZ R 7.62

400 V



<b>UL</b> <b>CS</b> <b>CS</b>	7.62/45.4/57.5 <sup>3)</sup> /45.0/55.5
10 mm/M 2.5/3.5 x 0.6	
400 V/24/2x12 <sup>2)</sup> (2x8) A/1.5 mm <sup>2</sup>	
6 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 <sup>1)</sup>	
0.13...4	A 3/A 3
32	
32	
300 V/10 A/26...12 AWG	
for WQV Qty. for ZQV Qty.	
<b>1038900000</b> 100	

Type	Cat. No.	Qty.
With pin	<b>1577320000</b>	50
Without pin	<b>1577330000</b>	50
With pin	<b>1073600000</b>	10
Without pin	<b>1073500000</b>	10

WAW 1	<b>9004500000</b>	1
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WAD 5/2	<b>1577400000</b>	20
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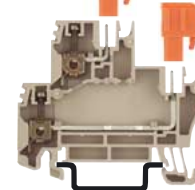
BLZ-KO	<b>1545710000</b>	100
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BLZ 4	<b>1623070000</b>	100
BLZ 6	<b>1623090000</b>	50
BLZ 8	<b>1623110000</b>	50
BLZ 4 B	<b>1623400000</b>	100
BLZ 6 B	<b>1623420000</b>	50
BLZ 8 B	<b>1623440000</b>	50

DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

## WDK 2.5/BLZ R 7.62

400 V



<b>UL</b> <b>CS</b> <b>CS</b>	7.62/58/53/63.5 <sup>3)</sup>
10 mm/M 2.5/3.5 x 0.6	
400 V/20 <sup>2)</sup> A/2.5 mm <sup>2</sup>	
6 kV/3	
0.4...0.6	
1	
0.5...4/4	
1.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5	
0.5...2.5/2.5 <sup>1)</sup>	
0.13...4	A 3/A 3
-	
-	
300 V/10 A/26...12 AWG	
for WQV Qty. for ZQV Qty.	
<b>1038500000</b> 100	

Type	Cat. No.	Qty.
With pin	<b>1070100000</b>	20
Without pin	<b>1070000000</b>	20
With pin	<b>1072960000</b>	10
Without pin	<b>1072860000</b>	10

WAW 1	<b>9004500000</b>	1
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WAD 5/2	<b>1577400000</b>	20
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BLZ-KO	<b>1545710000</b>	100
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BLZ 4	<b>1623070000</b>	100
BLZ 6	<b>1623090000</b>	50
BLZ 8	<b>1623110000</b>	50
BLZ 4 B	<b>1623400000</b>	100
BLZ 6 B	<b>1623420000</b>	50
BLZ 8 B	<b>1623440000</b>	50

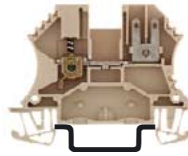
DEK 5	see "Accessories"	
WS 12/6.5	<b>1609920000</b>	540
WS 12/6.5	<b>1609930000</b>	108

<sup>1)</sup> Ferrules with optimum diameter for terminals with 5 mm pitch: Cat. No. **1333100000**

<sup>3)</sup> With BLZ  
<sup>2)</sup> 20 °C ambient temperature

# Feed-through terminals

## WDU 2.5 F



## WDU 2.5 FF



## WDK 2.5 F




## WDK 2.5 FV



Max. technical data

### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5   
 Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section  
 Rated cross-section of clamping yoke  
 Rated cross-section of 2.8 mm push-on tab/solder connection  
 Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

### Further technical data

Tightening torque range Nm  
 Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
 Stranded H07V-R mm<sup>2</sup>  
 Flexible H07V-K mm<sup>2</sup>  
 Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
 Flexible H07V-K and ferrules with plastic insul. collar mm<sup>2</sup>  
 Max. clamping range in mm<sup>2</sup>/Gauge pin acc. to IEC 60 947-7-1 Size  
 Cont. current of cross-connect. 2-pole A  
 Cont. current of cross-connect. multi-pole A


### UL/CSA rated data


Voltage/current/conductor size UL  
 Voltage/current/conductor size CSA


### Ordering data


#### Version

Dark beige Wemid  
 Dark beige Wemid  
 Dark beige Wemid  
 Dark beige Wemid  
 Blue Wemid


12 A/-
 5/60/47
10 mm/M 2.5/3.5 x 0.6
500 V m. IH/12 (2x6) A
2.5 mm <sup>2</sup>
1 / - mm <sup>2</sup>
6 kV/3
0.4...0.8 Nm
1
0.5...4 mm <sup>2</sup>
1.5...4 mm <sup>2</sup>
0.5...4 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.13...4 A 3
12
12

12 A/-
 5/60/47
10 mm/-
500 V m. IH/12 (2x6) A
2.5 mm <sup>2</sup>
1 / - mm <sup>2</sup>
6 kV/3
0.4...0.6 Nm
1
0.5...4/1 mm <sup>2</sup>
1.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.13...4 A 3
12
12

12 A/-
 5/69/63
10 mm/M 2.5/3.5 x 0.6
400 V m. IH/12 (2x6) A/2.5
2.5 mm <sup>2</sup>
1 / - mm <sup>2</sup>
6 kV/3
0.4...0.6 Nm
1
0.5...4/1 mm <sup>2</sup>
1.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.13...4 A 3
32
32

12 A/-
 5/69/63
10 mm/M 2.5/3.5 x 0.6
400 V m. IH/12 (2x6) A/2.5
2.5 mm <sup>2</sup>
1 / - mm <sup>2</sup>
6 kV/3
0.4...0.6 Nm
1
0.5...4/1 mm <sup>2</sup>
1.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.5...2.5 mm <sup>2</sup>
0.13...4 A 3
32
32

### End plate/partition

 Wemid	Type	Cat. No.	Qty.
 Blue Wemid	WAP 2.5-10	1050000000	50
 Wemid	WAP 2.5-10	1050080000	50
 Wemid	WTW 2.5-10	1050100000	20
 Wemid	WTW 2.5-10	1050180000	20


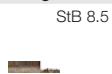
### Cross-connection

 WQV	Type	Cat. No.	Qty.
 LS 2.8	LS 2.8	1056400000	50
 WAW 1	WAW 1	9004500000	1

### Test adapter

 WTA	Type	Cat. No.	Qty.
 TA 1	TA 1	0535860000	20

### Test plugs/sockets/insulating sleeves

 PS 2.3	Type	Cat. No.	Qty.
 SIB 8.5	IH 2.8	0386060000	100

### Cover

 ADP 2	Type	Cat. No.	Qty.
 HP 2	ADP 2	0485300000	20x1m
 ADP 3	ADP 3	0485400000	20x1m
 HP 3	HP 3	0485760000	20

### Group marking

 WT 4	Type	Cat. No.	Qty.
 T 5	T 5	0348500000	100
 WGB	SF 10	0332400000	1000
 WGB	SG 10	0332500000	1000

### Marking tags

 DEK	Type	Cat. No.	Qty.
 WS	WS white neutral	WS 12/5	1609860000 720
 WS	WS indiv. printed	WS 12/5	1773380000 300

### Mounting rails, end brackets, further marking materials see "Accessories"

1) Ferrules with optimum diameter for terminals with 5 mm pitch: Cat. No. 1333100000  
 When using the screening bar rated data is reduced data!

# Feed-through terminals

## WDK 2.5 FF



12 A/-  
 LR  
 5/75/63

500 V m. IH/12 (2x6) A

1 / - mm<sup>2</sup>  
 6 kV/3

0.5...1

32  
 32

300 V/10 A/22...12 AWG  
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	<b>1021700000</b>	100

Type	Cat. No.	Qty.
WAP	<b>1059100000</b>	20
WAP	<b>1059180000</b>	20
WTW (Ex) e	<b>1058800000</b>	20

Type	Cat. No.	Qty.
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	20

Type	Cat. No.	Qty.
LS 2.8	<b>1056400000</b>	50
WAW 1	<b>9004500000</b>	1

Type	Cat. No.	Qty.
TA 1	<b>0535860000</b>	20

Type	Cat. No.	Qty.
IH 2.8	<b>0386060000</b>	100

Type	Cat. No.	Qty.
ADP 3	<b>0485400000</b>	20x1m
HP 3	<b>0485760000</b>	20

Type	Cat. No.	Qty.
WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300

## WDK 2.5 FFV



12 A/-  
 LR  
 5/75/63

500 V m. IH/12 (2x6) A

1 / - mm<sup>2</sup>  
 6 kV/3

0.5...1

32  
 32

300 V/10 A/22...12 AWG  
 300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	<b>1022500000</b>	100

Type	Cat. No.	Qty.
WAP	<b>1059100000</b>	20
WTW (Ex) e	<b>1058800000</b>	20

Type	Cat. No.	Qty.
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	20

Type	Cat. No.	Qty.
LS 2.8	<b>1056400000</b>	50
WAW 1	<b>9004500000</b>	1

Type	Cat. No.	Qty.
TA 1	<b>0535860000</b>	20

Type	Cat. No.	Qty.
IH 2.8	<b>0386060000</b>	100

Type	Cat. No.	Qty.
ADP 3	<b>0485400000</b>	20x1m
HP 3	<b>0485760000</b>	20

Type	Cat. No.	Qty.
WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300

## WDK 2.5 T WDK 2.5 TT



10 A/-  
 5/69/63/78  
 10 mm/M 2.5/3.5 x 0.6

125 V/10 A  
 2.5 mm<sup>2</sup>

2.5 kV/3

0.4...0.6

1

0.5...4

1.5...4

0.5...2.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4 A 3

32

32

Type	Cat. No.	Qty.
ri, pin 0.8x1.6se	<b>1023800000</b>	100
ri, pin 0.8x2.4se	<b>1023900000</b>	100
ri, +k 0.8x2.4se	<b>1577200000</b>	100

Type	Cat. No.	Qty.
WAP 2.5-10	<b>1059100000</b>	50
WAP 2.5-10	<b>1059180000</b>	50
WTW 2.5-10	<b>1050100000</b>	20
WTW 2.5-10	<b>1050180000</b>	20

Type	Cat. No.	Qty.
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	50

Type	Cat. No.	Qty.
LS 2.8	<b>1056400000</b>	50
WAW 1	<b>9004500000</b>	1

Type	Cat. No.	Qty.
TA 1	<b>0535860000</b>	20
WTA 5/1	<b>1051260000</b>	25

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	<b>0180400000</b>	20
StB 8.5(ø 2.3)	<b>0215700000</b>	50

Type	Cat. No.	Qty.
ADP 3	<b>0485400000</b>	20x1m
HP 3	<b>0485760000</b>	20

Type	Cat. No.	Qty.
WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300

## WDU 2.5 T



10 A/-  
 5/60/47/70  
 10 mm/M 2.5/3.5 x 0.6

125 V/10 A/2.5 mm<sup>2</sup>  
 2.5 mm<sup>2</sup>

2.5 kV/3

0.4...0.8

1

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4 A 3

32

32

Type	Cat. No.	Qty.
le., pin 1x1	<b>1022000000</b>	100
re., pin 1x1	<b>1022700000</b>	100
le, pin 0.8x2.4se	<b>1021200000</b>	100
le, pin 0.8x2.4wa	<b>1036900000</b>	100

Type	Cat. No.	Qty.
WAP 2.5-10	<b>1050000000</b>	50

Type	Cat. No.	Qty.
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	50

Type	Cat. No.	Qty.
LS 2.8	<b>1056400000</b>	50
WAW 1	<b>9004500000</b>	1

Type	Cat. No.	Qty.
WTA 5/1	<b>1051260000</b>	25

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	<b>0180400000</b>	20
StB 8.5(ø 2.3)	<b>0215700000</b>	50

Type	Cat. No.	Qty.
ADP 3	<b>0485400000</b>	20x1m
HP 3	<b>0485760000</b>	20

Type	Cat. No.	Qty.
WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/5	<b>1609860000</b>	720
WS 12/5	<b>1773380000</b>	300

## WDU 2.5 L WDU 2.5 LL



15 A/-  
 5/60/64/47  
 10 mm/M 2.5/3.5 x 0.6

400 V/15 A/2.5  
 2.5 mm<sup>2</sup>

- / 1.5 mm<sup>2</sup>  
 6 kV/3

0.4...0.8

1

0.5...4/1.5

0.5/1.5...4/1.5

0.5...4/1.5

0.5...2.5

0.5...2.5<sup>1)</sup>

0.13...4 A 3

15

15

Type	Cat. No.	Qty.
Screw-solder	<b>1022100000</b>	100
Solder-solder	<b>1022200000</b>	100

Type	Cat. No.	Qty.
WAP 2.5-10	<b>1050000000</b>	50
WAP 2.5-10	<b>1050080000</b>	50
WTW 2.5-10	<b>1050100000</b>	20
WTW 2.5-10	<b>1050180000</b>	20

Type	Cat. No.	Qty.
WQV 2.5/2	<b>1053660000</b>	50
WQV 2.5/3	<b>1053760000</b>	50
WQV 2.5/4	<b>1053860000</b>	50
WQV 2.5/10	<b>1054460000</b>	50

Type	Cat. No.	Qty.
LS 2.8	<b>1056400000</b>	50
WAW 1	<b>9004500000</b>	1

Type	Cat. No.	Qty.
WTA 2	<b>1632320000</b>	50
WTA 2/ZA	<b>1632330000</b>	50
WTA 2/10	<b>1632340000</b>	5
ZE 1	<b>1632150000</b>	50

Type	Cat. No.	Qty.
PS 2.3(ø 2.3)	<b>0180400000</b>	20
StB 8.5(ø 2.3)	<b>0215700000</b>	50

Type	Cat. No.	Qty.
ADP 3	<b>0485400000</b>	20x1m
HP 3	<b>0485760000</b>	20

Type	Cat. No.	Qty.
WAD 5	<b>1053460000</b>	50
WAD 5 white	<b>1056060000</b>	50

Type	Cat. No.	Qty.
WGB 5	<b>1050760000</b>	50
T 5	<b>0348500000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

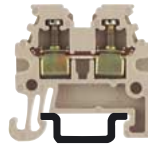
Type	Cat. No.	Qty.
DEK 5	see "Accessories"	
WS 12/5	<b>1609860000</b>	720
WS 12/5	<b>1</b>	



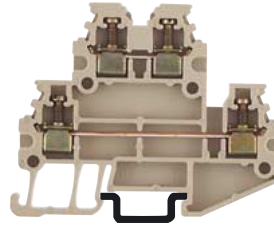
# Feed-through terminals



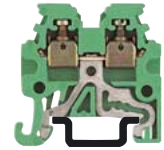
## WDU 1.5/R 3.5



## WDK 1.5/R 3.5



## WPE 1.5/R 3.5



**new**

### Dimensions/approvals

Width/length/height (mm) with TS 15 x 7.5 3.5/24.5/25  
 Insulation stripping length/clamping screw/screwdriver blade 7 (-1) mm/M 2/0.4 x 2.5

### VDE rated data 0611 Part 1 / IEC 60 947-7-1

Rated voltage/current/cross-section 400 V/17.5 A/1.5 mm<sup>2</sup>  
 Rated impulse voltage/pollution severity 4 kV/3

### Further technical data

Tightening torque range Nm 0.3...0.4

### Clampable conductors

Solid H07V-U mm<sup>2</sup> 0.5...1.5  
 Stranded H07V-R mm<sup>2</sup> 1.5  
 Flexible H07V-K mm<sup>2</sup> 0.5...1.5  
 Flexible with ferrule acc. to DIN 46 228/1 mm<sup>2</sup> 0.5...1.5  
 Flexible with ferrule with plastic insul. collar mm<sup>2</sup> 0.5  
 Gauge pin acc. to IEC 60 947-7-1 Size A 1

### UL/CSA rated data

Voltage/current/conductor size UL 300 V/10 A/26...14 AWG  
 Voltage/current/conductor size CSA 300 V/10 A/26...14 AWG

### Ordering data

Version	Cat. No.	Qty.
Dark beige Wemid	<b>1753280000</b>	100
Blue Wemid	<b>1754170000</b>	100
Green-yellow Wemid		

### End plates/partitions

WAP (thickness 1.5 mm) Dark beige Wemid

### UL @ E

3.5/24.5/25  
 7 (-1) mm/M 2/0.4 x 2.5

400 V/17.5 A/1.5 mm<sup>2</sup>  
 4 kV/3

0.3...0.4

0.5...1.5  
 1.5  
 0.5...1.5  
 0.5...1.5  
 0.5  
 A 1

300 V/10 A/26...14 AWG  
 300 V/10 A/26...14 AWG

Type	Cat. No.	Qty.
TS15		
WDU 1.5/R 3.5	<b>1753280000</b>	100
WDU 1.5/R 3.5 BL	<b>1754170000</b>	100

Type	Cat. No.	Qty.
WAP WDU 1.5/R3.5	<b>1754190000</b>	20

### UL @ E

3.5/46.5/38.5  
 7 (-1) mm/M 2/0.4 x 2.5

400 V/16 A/1.5 mm<sup>2</sup>  
 4 kV/3

0.3...0.4

0.5...1.5  
 1.5  
 0.5...1.5  
 0.5...1.5  
 0.5  
 A 1

300 V/10 A/26...14 AWG  
 300 V/10 A/26...14 AWG

Type	Cat. No.	Qty.
TS15		
WDK 1.5/R 3.5	<b>1753290000</b>	100
WDK 1.5/R 3.5 BL	<b>1754180000</b>	100

Type	Cat. No.	Qty.
WAP WDK 1.5/R3.5	<b>1754200000</b>	20

3.5/24.5/25  
 7 (-1) mm/M 2/0.4 x 2.5

- /- /1.5 mm<sup>2</sup>  
 4 kV/3

0.3...0.4

0.5...1.5  
 1.5  
 0.5...1.5  
 0.5...1.5  
 0.5  
 A 1

300 V/10 A/26...14 AWG

Type	Cat. No.	Qty.
TS15		
WPE 1.5/R 3.5	<b>1798400000</b>	100

Type	Cat. No.	Qty.
SDI 0.4 x 2.5	<b>9008370000</b>	1

### Cross-connections

ZQV	2-pole	3-pole	4-pole	5-pole	6-pole	7-pole	8-pole	9-pole	10-pole	30-pole	
ZQV 1.5/R3.5/2 GE	<b>1754210000</b>	60	ZQV 1.5/R3.5/3 GE	<b>1754220000</b>	60	ZQV 1.5/R3.5/4 GE	<b>1754230000</b>	60	ZQV 1.5/R3.5/5 GE	<b>1754240000</b>	20
ZQV 1.5/R3.5/6 GE	<b>1754250000</b>	20	ZQV 1.5/R3.5/7 GE	<b>1754260000</b>	20	ZQV 1.5/R3.5/8 GE	<b>1754270000</b>	20	ZQV 1.5/R3.5/9 GE	<b>1754280000</b>	20
ZQV 1.5/R3.5/10 GE	<b>1754290000</b>	20	ZQV 1.5/R3.5/30 GE	<b>1754300000</b>	10						

ZQV 1.5/R3.5/2 GE	<b>1754210000</b>	60	ZQV 1.5/R3.5/3 GE	<b>1754220000</b>	60	ZQV 1.5/R3.5/4 GE	<b>1754230000</b>	60	ZQV 1.5/R3.5/5 GE	<b>1754240000</b>	20
ZQV 1.5/R3.5/6 GE	<b>1754250000</b>	20	ZQV 1.5/R3.5/7 GE	<b>1754260000</b>	20	ZQV 1.5/R3.5/8 GE	<b>1754270000</b>	20	ZQV 1.5/R3.5/9 GE	<b>1754280000</b>	20
ZQV 1.5/R3.5/10 GE	<b>1754290000</b>	20	ZQV 1.5/R3.5/30 GE	<b>1754300000</b>	10						

SDI 0.4 x 2.5	<b>9008370000</b>	1
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### Screwdriver



### Marking tags

Print	Cat. No.	Qty.
Consecutive vertical		
DEK 5/3.5 FS 1-10	<b>1762320001</b>	500
DEK 5/3.5 FS 11-20	<b>1762320011</b>	500
DEK 5/3.5 FS 21-30	<b>1762320021</b>	500
DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500
DEK 5/3.5 FS 51-60	<b>1762320051</b>	500
DEK 5/3.5 FS 61-70	<b>1762320061</b>	500
DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500
DEK 5/3.5 FS 91-100	<b>1762320091</b>	500

DEK 5/3.5 FS 1-10	<b>1762320001</b>	500	DEK 5/3.5 FS 11-20	<b>1762320011</b>	500	DEK 5/3.5 FS 21-30	<b>1762320021</b>	500	DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500	DEK 5/3.5 FS 51-60	<b>1762320051</b>	500	DEK 5/3.5 FS 61-70	<b>1762320061</b>	500	DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500	DEK 5/3.5 FS 91-100	<b>1762320091</b>	500						

DEK 5/3.5 FS 1-10	<b>1762320001</b>	500	DEK 5/3.5 FS 11-20	<b>1762320011</b>	500	DEK 5/3.5 FS 21-30	<b>1762320021</b>	500	DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500	DEK 5/3.5 FS 51-60	<b>1762320051</b>	500	DEK 5/3.5 FS 61-70	<b>1762320061</b>	500	DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500	DEK 5/3.5 FS 91-100	<b>1762320091</b>	500						

DEK 5/3.5 FS 1-10	<b>1762320001</b>	500	DEK 5/3.5 FS 11-20	<b>1762320011</b>	500	DEK 5/3.5 FS 21-30	<b>1762320021</b>	500	DEK 5/3.5 FS 31-40	<b>1762320031</b>	500
DEK 5/3.5 FS 41-50	<b>1762320041</b>	500	DEK 5/3.5 FS 51-60	<b>1762320051</b>	500	DEK 5/3.5 FS 61-70	<b>1762320061</b>	500	DEK 5/3.5 FS 71-80	<b>1762320071</b>	500
DEK 5/3.5 FS 81-90	<b>1762320081</b>	500	DEK 5/3.5 FS 91-100	<b>1762320091</b>	500						

Consecutive horizontal

DEK 5/3.5 MC neutral	<b>1755270000</b>	500	DEK 5/3.5 MC GW 1	<b>1755280001</b>	500	DEK 5/3.5 MC GW 2	<b>1755280002</b>	500	DEK 5/3.5 MC GW 3	<b>1755280003</b>	500
DEK 5/3.5 MC GW 4	<b>1755280004</b>	500	DEK 5/3.5 MC GW 5	<b>1755280005</b>	500	DEK 5/3.5 MC GW 6	<b>1755280006</b>	500	DEK 5/3.5 MC GW 7	<b>1755280007</b>	500
DEK 5/3.5 MC GW 8	<b>1755280008</b>	500	DEK 5/3.5 MC GW 9	<b>1755280009</b>	500	DEK 5/3.5 MC GW 0	<b>1755281000</b>	500			

DEK 5/3.5 MC neutral	<b>1755270000</b>	500	DEK 5/3.5 MC GW 1	<b>1755280001</b>	500	DEK 5/3.5 MC GW 2	<b>1755280002</b>	500	DEK 5/3.5 MC GW 3	<b>1755280003</b>	500
DEK 5/3.5 MC GW 4	<b>1755280004</b>	500	DEK 5/3.5 MC GW 5	<b>1755280005</b>	500	DEK 5/3.5 MC GW 6	<b>1755280006</b>	500	DEK 5/3.5 MC GW 7	<b>1755280007</b>	500
DEK 5/3.5 MC GW 8	<b>1755280008</b>	500	DEK 5/3.5 MC GW 9	<b>1755280009</b>	500	DEK 5/3.5 MC GW 0	<b>1755281000</b>	500			

DEK 5/3.5 MC neutral	<b>1755270000</b>	500	DEK 5/3.5 MC GW 1	<b>1755280001</b>	500	DEK 5/3.5 MC GW 2	<b>1755280002</b>	500	DEK 5/3.5 MC GW 3	<b>1755280003</b>	500
DEK 5/3.5 MC GW 4	<b>1755280004</b>	500	DEK 5/3.5 MC GW 5	<b>1755280005</b>	500	DEK 5/3.5 MC GW 6	<b>1755280006</b>	500	DEK 5/3.5 MC GW 7	<b>1755280007</b>	500
DEK 5/3.5 MC GW 8	<b>1755280008</b>	500	DEK 5/3.5 MC GW 9	<b>1755280009</b>	500	DEK 5/3.5 MC GW 0	<b>1755281000</b>	500			

Mounting rails, end brackets, further marking materials see "Accessories"

# Feed-through terminals with push-on tab

## AST 1



## AST 4




## AST 5



## SAK 4 S/35 SAK 4 SS/35



### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5   
 Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage/current/cross-section  
 Rated cross-section of clamping yoke  
 Rated cross-section of push-on tab 6.3/2.8 mm  
 Rated impulse voltage acc. to VDE 0110/1.89/pollution severity

### Further technical data

Tightening torque range Nm  
 Torque setting with DMS 2 electric screwdriver

### Clampable conductors

Solid H07V-U mm<sup>2</sup>  
 Stranded H07V-R mm<sup>2</sup>  
 Flexible H07V-K mm<sup>2</sup>  
 Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm<sup>2</sup>  
 Gauge pin acc. to 60 947-7-1 Size  
 Cont. current of cross-connect. 2-pole A

### UL/CSA rated data

Voltage/current/conductor size UL  
 Voltage/current/conductor size CSA

### Ordering data

Version  
 Slotted dark beige Wemid  
 Unslotted dark beige Wemid

6.5/58/46

500 V<sup>I</sup>/ - /2.5

2.5 / 1 mm<sup>2</sup>

6 kV/3

Nm

1

mm<sup>2</sup>

mm<sup>2</sup>

mm<sup>2</sup>

mm<sup>2</sup>

Size

(QL 2...10) 36

Cat. No. Qty.

**0699600000** 50

**0664800000** 50

6.5/40/40

500 V<sup>I</sup>/ - /2.5

2.5 mm<sup>2</sup>

2.5 / 1 mm<sup>2</sup>

6 kV/3

0.4...0.7

1

0.5...4

1.5...2.5

0.5...2.5

0.5...2.5

A 2

(QL 2...10) 36

Cat. No. Qty.

**0460400000** 100

6.5/58/46

500 V<sup>I</sup>/ - /2.5

4 mm<sup>2</sup>

2.5 / 1 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...6

1.5...2.5

0.5...4

0.5...4

A 4

(QL 2...10) 36

Cat. No. Qty.

**0664900000** 50

**0699700000** 50

6.5/40/49.5

500 V<sup>I</sup>/16 A/2.5

4 mm<sup>2</sup>

2.5 / 1 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...6

1.5...2.5

0.5...4

0.5...4

A 4

(QL 2...10) 36

Cat. No. Qty.

SAK 4 S **0630300000** 100

(Screw/push-on tab = S

SAK 4 SS **0630400000** 100

(Push-on tab/tab = SS)

### End plate/partition/small partition (thickness mm)

Dark beige Wemid  
 beige PA



AP TSch

Type Cat. No. Qty.

AP (1.5) **0266400000** 20

TSch 1 **0319160000** 100

Type Cat. No. Qty.

AP (1.5) **0460490000** 20

TSch 1 **0319160000** 100

Type Cat. No. Qty.

AP (1.5) **0266400000** 20

TSch 1 **0319160000** 100

Type Cat. No. Qty.

AP (1.5) **0105100000** 20

TSch 1 **0319160000** 100

### Cross-connection

2-pole Q 2 **0336700000** 50  
 3-pole Q 3 **0336800000** 50  
 4-pole Q 4 **0336900000** 50  
 10-pole Q 10 **0368800000** 20



Q 3 QL BS

Q 2 **0336700000** 50  
 Q 3 **0336800000** 50  
 Q 4 **0336900000** 50  
 Q 10 **0368800000** 20

Q 2 **0336700000** 50  
 Q 3 **0336800000** 50  
 Q 4 **0336900000** 50  
 Q 10 **0368800000** 20

QL 2 **0130600000** 100  
 QL 3 **0130700000** 100  
 QL 4 **0130800000** 50  
 QL 10 **0338200000** 20

BS M 3 x 4.5 **1593210000** 100

### Plug adapter

2-pole  
 3-pole  
 4-pole  
 5-pole  
 8-pole  
 Only clips onto PA vers. of AST3 and AST4



STA 2.5/2 **0165860000** 100  
 STA 2.5/3 **0165960000** 50  
 STA 2.5/4 **0190360000** 50  
 STA 2.5/5 **0166060000** 50  
 STA 2.5/8 **0166160000** 50

### Test plug/socket

Plug test socket without using QL for TS 32

StB 14 **0168600000** 50

StB 14 **0168600000** 50

StB 14 **0168600000** 50



PS StB

PS 2.3 **0180400000** 20

PS 2.3 **0180400000** 20

PS 2.3 **0180400000** 20

### Insulating sleeves

IH 2.8 **0386060000** 100  
 IH 6.3 **0386260000** 100

IH 2.8 **0386060000** 100  
 IH 6.3 **0386260000** 100

IH 2.8 **0386060000** 100  
 IH 6.3 **0386260000** 100

IH 2.8 **0386060000** 100  
 IH 6.3 **0386260000** 100

### Marking tags

Print  
 FW/FS/...  
 1 2 3 4 5 6

DEK 6.5 see "Accessories"

DEK 6 see "Accessories"

DEK 6.5 see "Accessories"

DEK 6.5 see "Accessories"

### Mounting rails, end brackets, further marking materials see "Accessories"

1) with Insulating sleeves

2) Touch-safe with prof. material for cover ADP4

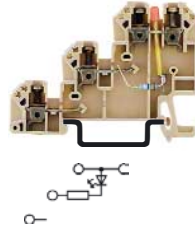
# Feed-through terminals for initiators and actuators

## DLI 2.5 DB



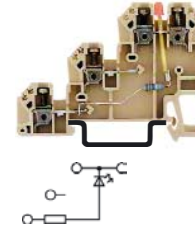
6/65/49	7 mm/M 2.5/3.5 x 0.6
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## DLI 2.5 LD DB PNP



6/65/49	7 mm/M 2.5/3.5 x 0.6
---------	----------------------

## DLI 2.5 LD DB NPN



6/65/49	7 mm/M 2.5/3.5 x 0.6
---------	----------------------

## DLD 2.5 DB<sup>2)</sup>



6/82/49	7 mm/M 2.5/3.5 x 0.6
---------	----------------------

### Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

### Rated data IEC 60 947-1

Rated voltage/current/cross-section	250 V/20 A/2.5 mm <sup>2</sup>
Rated impulse voltage/pollution severity	4 kV/3

### Further technical data

Tightening torque range	Nm	0.4...0.6
Torque setting with DMS 2 electric screwdriver		1

### Clampable conductors

Solid H07V-U	mm <sup>2</sup>	0.5...4
Stranded H07V-R	mm <sup>2</sup>	1.5...4
Flexible H07V-K	mm <sup>2</sup>	0.5...4
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>	0.25...2.5
Gauge pin acc. to IEC 60 947-1	Size	A 3
Continuous current of terminal for conductor size		20 A/2.5 mm <sup>2</sup>
Cont. current of cross-connect. 2...5-pole	A	(Q 2...10) 20
Cont. current of cross-connect. 6...10-pole	A	(Q 2...10) 20

### UL/CSA rated data

Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG

### Ordering data

Standard Wemid	Cat. No.	Qty.
With diode 1N4007 Wemid	<b>1783820000</b>	100
With red LED (5...30 V) Wemid		
With green LED (5...30 V) Wemid	<b>1783980000</b>	100
With LED and diode 1N4007 Wemid		
With LED and diode 1N4007 Wemid	<b>1783970000</b>	100
Block of 10 <sup>1)</sup> Wemid	(w/o dekafix) <b>1783850000</b>	10
Block of 10 <sup>1)</sup> Wemid	(w. dekafix) <b>1783830000</b>	10
Fuse inserts Wemid		

### End plate/small partition

AP-DLI	AP-DLD	Part-AP	TSch 1
Type	Cat. No.	Qty.	Type
AP	<b>1783550000</b>	20	AP
TSch 1	<b>0319160000</b>	100	TSch 1

### Test plug/socket

StB 8.5 <sup>2)</sup> (ø 2.3)	Cat. No.	Qty.
PS	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

### Cross-connection

Q 2	<b>1312500000</b>	50
Q 3	<b>1312600000</b>	50
Q 4	<b>1312700000</b>	50
Q 10	<b>1313100000</b>	20
Q 20	<b>1399800000</b>	20

### VQB

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50BL	<b>1633280000</b>	5
VQB1.5/50RT	<b>1633290000</b>	5
VQB1.5/50SW	<b>1635120000</b>	5

### Group marking

WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000

### Cover

ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

### Marking tags

DEK 6	see "Accessories"
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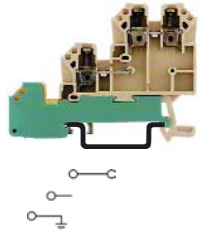
Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> DLI 2.5/35/10 = Block of 10 with built-in cross-connections

<sup>2)</sup> StB 8.5 only in upper busbar

# Feed-through terminals for initiators and actuators

## DLA 2.5 DB



6/65/49
7 mm/M 2.5/3.5 x 0.6

250 V <sup>1)</sup> /17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783560000</b> 100
(no dekafix) <b>1783570000</b> 10
(w. dekafix) <b>1783580000</b> 10

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

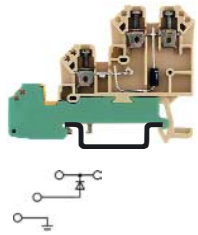
StB8.5 <sup>2)</sup> (ø2.3) <b>0215700000</b> 50
PS 2.3 <b>0180400000</b> 20
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6 see "Accessories"

## DLA 2.5/D DB



6/65/49
7 mm/M 2.5/3.5 x 0.6

250 V <sup>1)</sup> /17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783590000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

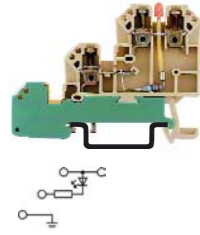
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6 see "Accessories"

## DLA 2.5/LD DB



6/65/49
7 mm/M 2.5/3.5 x 0.6

5-30 V/17.5 A/2.5 mm <sup>2</sup>
0.8 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783600000</b> 100
<b>1783610000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

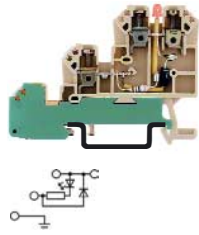
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6 see "Accessories"

## DLA 2.5/LD/D DB



6/65/49
7 mm/M 2.5/3.5 x 0.6

5-30 V/17.5 A/2.5 mm <sup>2</sup>
0.8 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG
Cat. No. Qty.
(red LED) <b>1783620000</b> 100
(green LED) <b>1783630000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783550000</b>	20
TSch 1	<b>0319160000</b>	100

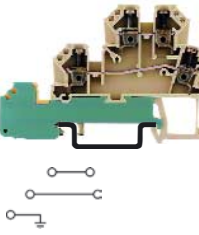
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6 see "Accessories"

## DLD 2.5/PE DB



6/74.5/49
7 mm/M 2.5/3.5 x 0.6

250 V <sup>1)</sup> /17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
1.5...4
0.5...4
0.25...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG
Cat. No. Qty.
<b>1783790000</b> 100

Type	Cat. No.	Qty.
AP	<b>1783800000</b>	20
AP (part-AP)	<b>1783810000</b>	
TSch 1	<b>0319160000</b>	100

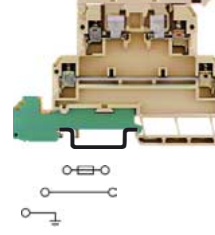
StB8.5 <sup>2)</sup> (ø2.3) <b>0215700000</b> 50
PS 2.3 <b>0180400000</b> 20
Q 2 <b>1312500000</b> 50
Q 3 <b>1312600000</b> 50
Q 4 <b>1312700000</b> 50
Q 10 <b>1313100000</b> 20
Q 20 <b>1399800000</b> 20

QL 2 <b>0297200000</b> 100
VH 4.2 <b>1345800000</b> 100
VQB1.5/50 BL <b>1633280000</b> 5
VQB1.5/50 RT <b>1633290000</b> 5
VQB1.5/50 SW <b>1635120000</b> 5

WT 4 <b>1341060000</b> 100
SF 10 <b>0332400000</b> 1000
SG 10 <b>0332500000</b> 1000
ADP <b>0485400000</b> 20
HP 4 <b>0485860000</b> 20

DEK 6 see "Accessories"

## KDKS1/PE



8/91/65
8 mm/M 3/M 2.5 <sup>3)</sup> /3.5 x 0.6

500 V/6.3 A/4 mm <sup>2</sup>
6 kV/3
0.5...1/0.4...0.7 <sup>3)</sup>
2/1 <sup>3)</sup>
0.5...4
1.5...4
0.5...4
0.25...2.5
A 4 / A 3 <sup>3)</sup>

-/22...12 AWG
Cat. No. Qty.
<b>9532450000</b> 50
cannot be combined with DLI / DLA

Type	Cat. No.	Qty.
AP	<b>9503330000</b>	50
AP Wemid	<b>9532470000</b>	50

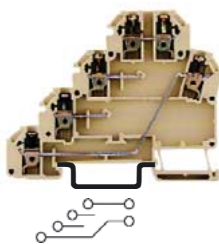
5 x 20 without indicator
Q 2 <b>0461100000</b> 50
Q 3 <b>0461200000</b> 50
Q 4 <b>0461300000</b> 50

<sup>1)</sup> If the cross-connection runs via the PE connection of the DLA or if a pole is generally skipped, nominal voltage is reduced to 30 V-  
<sup>2)</sup> StB 8.5 only in upper busbar

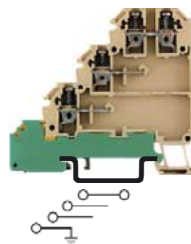
<sup>3)</sup> Upper busbar

# Feed-through terminals for initiators and actuators

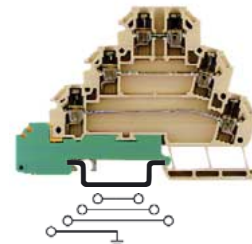
## VLI 1.5



## VLI 1.5PE



## MAK 2.5



### Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5   
 Insulation stripping length/clamping screw/screwdriver blade



6/79/64  
 8 mm/M 2.5/3.5 x 0.6



6/69/63  
 8 mm/M 2.5/3.5 x 0.6



6/88/64  
 8 mm/M 2.5/3.5 x 0.6

### Rated data IEC 60 947-7-1

Rated voltage/current/cross-section

250 V/17.5 A/1.5 mm<sup>2</sup>

250 V/17.5 A/1.5 mm<sup>2</sup>

500 V (L-L)/250 V (L-PE)/ 24 A/2.5 mm<sup>2</sup>

Rated impulse voltage/pollution severity

4 kV/3

4 kV/3

6 kV/3

### Further technical data

Tightening torque range

Nm

0.4...0.6<sup>4)</sup>

0.4...0.6

0.4...0.6

Torque setting with DMS 2 electric screwdriver

1

1

1

### Clampable conductors

Solid H07V-U

mm<sup>2</sup>

0.5...4.0

0.5...4.0

0.5...4.0

Stranded H07V-R

mm<sup>2</sup>

0.5...2.5

0.5...2.5

0.5...2.5

Flexible H07V-K

mm<sup>2</sup>

0.5...2.5

0.5...4

1.5...4

Flexible H07V-K and ferrule acc. to DIN 46 228/1

mm<sup>2</sup>

0.5...2.5

0.5...2.5

0.5...2.5

Flexible H07V-K and ferrules with plastic insul. collar

mm<sup>2</sup>

0.5...2.5

0.5...2.5

0.5...2.5

Gauge pin acc. to IEC 60 947-7-1

Size

A3

A3

A3

Continuous current of terminal for conductor size

24 A/2.5 mm<sup>2</sup>

24 A/2.5 mm<sup>2</sup>

31 A/4 mm<sup>2</sup>

Cont. current of cross-connect. , multi-pole

A

24

### UL/CSA rated data

Voltage/current/conductor size

UL

300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG

300 V/10 A/22...12 AWG

Voltage/current/conductor size

CSA

300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG

300 V/10 A/22...12 AWG

### Ordering data

Version



Cat. No.

Qty.

Wemid

**1784120000**

50



Cat. No.

Qty.

**1784130000**

50



Cat. No.

Qty.

**7917030000**

50



**7917020000**

50

### End plate/partition

End plate

Type

Cat. No.

Qty.

AP VLI1.5

**1784150000**

20

Type

Cat. No.

Qty.

AP VLI1.5/PE

**1784160000**

20

Type

Cat. No.

Qty.

AP MAK2.5

**7917000000**

20

Partial end plate for VLI1.5 – MAK2.5 combination

TEAP2 MAK2.5

**1782950000**

20

TEAP VLI1.5

**1784170000**

20

TEAP2 MAK2.5

**1782950000**

20

Partial end plate for VLI1.5 – VLI1.5PE combination

TEAP VLI1.5

**1784170000**

20

TEAP1 MAK2.5

**1782940000**

20

TEAP1 MAK2.5

**1782940000**

20

Partial end plate for VLI1.5PE – MAK2.5 combination

### Cross-connection

VQB 50-pole, snap-fit, external cross-connection

VQB1.5/50BL<sup>1)</sup>

**1633280000**

5

VQB1.5/50BL<sup>1)</sup>

**1633280000**

5

VQB1.5/50BL<sup>1)</sup>

**1633280000**

5

VQB1.5/50RT<sup>1)</sup>

**1633290000**

5

VQB1.5/50RT<sup>1)</sup>

**1633290000**

5

VQB1.5/50RT<sup>1)</sup>

**1633290000**

5

VQB1.5/50SW<sup>1)</sup>

**1635120000**

5

VQB1.5/50SW<sup>1)</sup>

**1635120000**

5

VQB1.5/50SW<sup>1)</sup>

**1635120000**

5

QB 25 SW<sup>1)</sup>

**0520000000**

20

QB 25 RT<sup>1)</sup>

**0520060000**

20

QB 25 BL<sup>1)</sup>

**0520080000**

20

QB 25-pole external cross-connection



QB 25-pole external cross-connection

### Group marking

Tag carrier

for S 10 markers

T 5

**0348500000**

100

SF 10

**0332400000**

1000

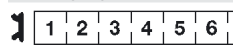
T 5

**0348500000**

100

Marking tags

Print



FW/FS/...

DEK 5

see "Accessories"

DEK 5

see "Accessories"

DEK 5

see "Accessories"

Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> When using cross-connection bridges, the connection cross-section is reduced by one level.



# Feed-through terminals

## WMA 4/4 WMA 4/5



## WDK 2.5 D WDK 2.5 D GET.SCH.

Terminals for incorporating electronic components



## WDU 240



Max. technical data

Dimensions / approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
<b>VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1</b>	

Rated voltage/current/cross-section	800 V/32 A/4 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm <sup>2</sup>
Flexible H07V-K and ferrules with plastic insul. collar	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to IEC 60 947-7-1 Size	
Cont. current of cross-connect. WQV/ZQV 2-5-pole	A
Cont. current of cross-connect. WQV/ZQV 6-10-pole	A

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version
Motor connection block (L1, L2, L3, PE) Wemid		
Motor connection block (L1, L2, L3, N, PE) Wemid		
Dark beige Wemid		

### End plate/partition

	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
	Frame (5 mm)

### Cross-connection

	WQV	ZQV	2-pole	1758250000	60	1051960000	50
	WQB 12/24	WQB 240/3	LGB 240/3 3-pole	1762630000	60	1054560000	50
			4-pole	1762620000	60	1054660000	50
			5...9-pole	ZQV see p. 263 / WQV see p. 262			
			10-pole	1758260000	20	1052060000	20
			41-pole	1758270000	10	(41-pole)	
	LS 2.8		Cross-connection comb	LS 2.8 <sup>3)</sup>	1056400000	50	
			Screening bar	WAW 1	9004500000	1	
			Notching tool	WTA 3	1632350000	50	

### Test adapter / strain relief / compensating terminals

	WTA	Strain relief	WTA 3/ZA	1632360000	50
		Compensating terminal	WTA 3/10	1632370000	5
			Strain relief ZE 1	1632150000	50

### Test plug/socket/hexagon wrench

	PS 2.3	Test plug (ø2.3 mm)	PS 2.3(ø2.3)	0180400000	20
	StB 8.5	Test socket screw 8.5 (ø2.3)	StB 8.5(ø2.3)	0280600000	50
		SK wrench			

### Covers

	With symbol	WAD 5	1053460000	50
	White	WAD 5 white	0560600000	50

### Group marking

	WGB	T5	Tag carrier for S 10 markers	WGB 5	1050760000	50
				T 5	0348500000	100
				SF 10	0332400000	1000
				SG 10	0332500000	1000

### Marking tags

	DEK	Standard	DEK 6	see "Accessories"	
	WS white	neutral	WS 12/6	1609900000	600
	WS	indiv. printed	WS 12/6	1609910000	120

### Mounting rails, end brackets, further marking materials see "Accessories"

41 A/6 mm <sup>2</sup>	24.5(30.6)/60/47
10 mm/M 3/3.5 x 0.6	
800 V/32 A/4 mm <sup>2</sup>	
8 kV/3	
0.5...1.0	2
0.5...6	1.5...6
1.5...6	0.5...6
0.5...6	0.5...4
0.5...4	0.5...4
0.13...6	A 4
41/32	
41/32	

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version
Motor connection block (L1, L2, L3, PE) Wemid		
Motor connection block (L1, L2, L3, N, PE) Wemid		
Dark beige Wemid		

Type	Cat. No.	Qty.
WMA 4/4	1034000000	20
WMA 4/5	1033800000	20

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

ZQV4N	Qty.	WQV	Qty.
1758250000	60	1051960000	50
1762630000	60	1054560000	50
1762620000	60	1054660000	50
ZQV see p. 263 / WQV see p. 262			
1758260000	20	1052060000	20
1758270000	10	(41-pole)	

LS 2.8 <sup>3)</sup>	1056400000	50
WAW 1	9004500000	1
WTA 3	1632350000	50
WTA 3/ZA	1632360000	50
WTA 3/10	1632370000	5
Strain relief ZE 1	1632150000	50

DEK 6	see "Accessories"	
WS 12/6	1609900000	600
WS 12/6	1609910000	120

-/2.5 mm <sup>2</sup>	5/69/63
10 mm/M 2.5/3.5 x 0.6	
-/2.5 mm <sup>2</sup>	
0.4...0.6	1
0.5...4	1.5...4
1.5...4	0.5...2.5
0.5...2.5	0.5...2.5
0.5...2.5 <sup>1)</sup>	0.13...4
0.13...4	A 3

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version
Motor connection block (L1, L2, L3, PE) Wemid		
Motor connection block (L1, L2, L3, N, PE) Wemid		
Dark beige Wemid		

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WAP 2.5-10	1050080000	50
WTW 2.5-10	1050100000	20
WTW 2.5-10	1050180000	20

300 V/20 A/22...12 AWG		
1023200000	100	
With divided busbar (bottom)		
1023100000	100	
WAP	1059100000	20
WAP	1059180000	20
WTW	1058800000	20
WDK 2.5	1074000000	20
WQV 2.5/2	1053660000	50
WQV 2.5/3	1053760000	50
WQV 2.5/4	1053860000	50
see p. 262		
WQV2.5/10	1054460000	20
WQB A/24	1579000000	20
LS 2.8 <sup>3)</sup>	1056400000	50
WAW 1	9004500000	1

TA 1	0535860000	20
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PS 2.3(ø2.3)	0180400000	20
StB 8.5(ø2.3)	0215700000	50
ADP 3	0485400000	20x1m
HP 3	0485760000	20
WAD 4	1072000000	50
WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"	
WS 8/5	1640740000	720
WS 8/5	1773360000	300

415 A/2.5 mm <sup>2</sup>	36/100/131.5
40 mm/M 10 <sup>2)</sup> /-	
1000 V/415 A/240 mm <sup>2</sup>	
8 kV / 3	
25...30	
-	
70...240	
70...240	
70...240	
70...185	
70...185	
70...185	
B 15 / A 15	
382	
382	

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version
Motor connection block (L1, L2, L3, PE) Wemid		
Motor connection block (L1, L2, L3, N, PE) Wemid		
Dark beige Wemid		

Type	Cat. No.	Qty.
WQB 240/2	1802780000	20
WQB 240/3	1802800000	20
1802780000	2	

600 V/380 A/500 MCM		
600 V/400 A/1/0 AWG-500 MCM		
1802810000 <sup>4)</sup>	1	
SK	0235000000	1

Comp. terminal WZAD 240	1802810000 <sup>4)</sup>	1
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SK	0235000000	1
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DEK 5	see "Accessories"
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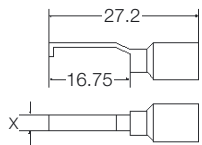
<sup>1)</sup> Ferrules with optimum diam. for terminals with 5 mm pitch: Cat. No. 1333100000  
<sup>2)</sup> Screws with hexagonal socket

<sup>3)</sup> When using the screening bar, rated voltage is reduced to 400 V!

<sup>4)</sup> I<sub>max</sub> = 57 A



# W-series terminals with clamping yoke and tension clamp



**Note:**

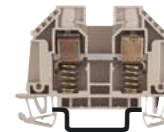
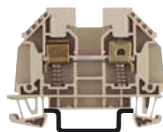
The insulation stripping length of the connection conductor is pre-defined. We advise to use hook-shaped cable lugs which are recommended by the relevant cable lug manufacturers. In this case, rated voltage is 250 V. If an end plate is inserted, rated voltage is 400 V.

## WDU 4 SL



## WDU 6 SL

## WDU 10 SL



Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Width/length/height (mm)	+
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup> /Gauge pin acc. to IEC 60 947-7-1 Size	

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
Size 2 (x = 3 mm)	2 pieces
Size 1 (x = 4.6 mm)	2 pieces

Ordering data		Version
	Dark beige Wemid	
+	Dark beige Wemid	
	PA 66 black	
+	PA 66 black	

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Hook-shaped cable lugs	
	0.25–1.5 mm <sup>2</sup> black
	1.25–2.5 mm <sup>2</sup> black

End plate/partition			
WAP	WTW	Wemid	
		Wemid	
Thickness	1.5 mm	Black Wemid	
Thickness 1.5 mm		Black Wemid	

Cross-connection	
	WQV
	ZQV

Test adapter	
WTA 5	WTA 3

Test plug/socket	
PS 2.3	StB 8.5

Cover	
WAD with symbol	
WAD white	

Group marking	
WGB	
T 5	
Tag carrier	
for S 10 markers	

Marking tags		Print
	DEK	Standard
	WS white	neutral
	WS	WS indiv. printed

Mounting rails, end brackets, further marking materials see "Accessories"

UL/CSA	
6/60/47	
6/60/52	
15 mm/M 3/3.5 x 0.6	

IEC	
500 V/32 A/4mm <sup>2</sup>	
6 kV/3	

0.5...1	
2	

0.5...6	
1.5...6	
0.5...4	
0.13...6	A4

0.28...1.5	
------------	--

IEC	Qty.
9537440000	50
9537450000	50
9537500000	50
9537510000	50

600 V/30 A/22...10	
300 V/25 A/22...10	

9036290000	100
------------	-----

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	20
WQV 4/2	1051960000	50
WQV 4/3	1054560000	50
WQV 4/4	1054660000	50
WQV 4/10	1052060000	20
WAW1	9004500000	1
ZQV 4N/2	1758250000	60
ZQV 4N/3	1762630000	60
ZQV 4N/4	1762620000	60
ZQV 4N/10	1758260000	20
ZQV 4N/41	1758270000	10

WTA 3	1632350000	50
WTA 3/ZA	1632360000	50
WTA 3/10	1632370000	5
ZE 1	1632150000	25

PS 2.3 (ø 2.3)	0180400000	20
StB 8.5 (ø 2.3)	0280600000	50

WAD 5	1053460000	50
WAD 5 white	1056060000	50

WGB 5	1050760000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 6	see "Accessories"
WS 12/6	1609900000 600
WS 12/6	1609910000 120

UL/CSA	
8/60/47	
8/60/52	
16 mm/M 3.5/4 x 0.8	

IEC		ESI
500 V/24 A		500 V/41 A/6mm <sup>2</sup>
6 kV/3		

0.8...1.4	
3	

0.5...10	
1.5...10	
0.5...6	
0.5...10	A4

0.28...1.5/1...2.5	
0.28...1.5/1...2.5	

ESI	IEC	Qty.
	9537460000	50
	9537470000	50
9537420000		50
9537430000		50

150 V/45 A/20...8	
300 V/45 A/20...8	

9036290000	100
9036300000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	2
WQV 6/2	1052360000	50
WQV 6/3	1054760000	50
WQV 6/4	1054860000	50
WQV 6/10	1052260000	20
WAW1	9004500000	1

WTA 5/1	1051260000	25
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PS 2.3 (ø 2.3)	0180400000	20
PS 4 (ø 4)	0299600000	20
StB 8.5 (ø 2.3)	0280600000	50
StB 14 (ø 4)	0169900000	50

WAD 8	1053560000	50
WAD 8 white	1056160000	50

WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 8	see "Accessories"
WS 12/6.5	1609920000 540
WS 12/6.5	1609930000 108

UL/CSA	
10/60/47	
10/60/52	
17 mm/M 4/5.5 x 1.0	

IEC		ESI
500 V/36 A		500 V/57 A/10mm <sup>2</sup>
6 kV/3		

1.2...2.4	
4	

1.5...16	
1.5...16	
1.5...10	
1.31...10	A5

0.28...1.5/1...2.5	
0.28...1.5/1...2.5	

ESI	IEC	Qty.
	9537480000	50
	9537490000	50
9537400000		50
9537410000		50

150 V/50 A/16...8	
300 V/65 A/16...6	

9036290000	100
9036300000	100

Type	Cat. No.	Qty.
WAP 2.5-10	1050000000	50
WTW 2.5-10	1050100000	20
WAP	1050010000	50
WTW	1050110000	20
WQV 10/2	1052560000	50
WQV 10/3	1054960000	50
WQV 10/4	1055060000	50
WQV 10/10	1052460000	20
WAW1	9004500000	1

WTA 5/1	1051260000	25
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PS 2.3 (ø 2.3)	0180400000	20
PS 4 (ø 4)	0299600000	20
StB 8.5 (ø 2.3)	0280600000	50
StB 14 (ø 4)	0169900000	50

WAD 8	1053560000	50
WAD 8 white	1056160000	50

WGB 8	1050960000	50
T 5	0348500000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

DEK 5	see "Accessories"
WS 12/6.5	1609920000 540
WS 12/6.5	1609930000 108

# W-series terminals with clamping yoke + spring

## WTL 6 SL



## WTD 6 SL



### Dimensions/approvals

Width/length/height (mm)	with TS 35	8/83/50
Width/length/height (mm)		8/83/49
Insulation stripping length/clamping screw/screwdriver blade		16 mm/M 3.5/4.0 x 0.8

### Rated data

Rated voltage/current/cross-section	<b>ESI</b>	500 V/24 A/6mm <sup>2</sup>
Rated impulse voltage/pollution severity		6 kV/3

### Further technical data

Tightening torque range	Nm	0.8...1.4
Torque setting with DMS 2 electric screwdriver		3

### Clampable conductors

Solid H07V-U	mm <sup>2</sup>	0.5...10
Stranded H07V-R	mm <sup>2</sup>	1.5...10
Flexible H07V-K	mm <sup>2</sup>	0.5...6
Max. clamping range in mm <sup>2</sup>		0.5...10
Gauge pin acc. to IEC 60 947-1		A4

### Hook-shaped cable lugs acc. to ESI 50-18 Part 2

Size 2 (x = 3 mm)	2 pieces	0.28...1.5/1...2.5
Size 1 (x = 4.6 mm)	2 pieces	0.28...1.5/1...2.5

### UL/CSA rated data

Voltage/current/conductor size	UL	
Voltage/current/conductor size	CSA	

### Ordering data

Version	Type	Cat. No.	Qty.
Dark beige Wemid	WTL 6 SL	9538070000	50
Dark beige Wemid	WTL 6 SL	9538080000	50
Black PA 66	WTL 6 SL	9538020000	50
Black PA 66	WTL 6 SL	9538030000	50

### Hook-shaped cable lugs

0.25–1.5 mm <sup>2</sup> black	9036290000
1.25–2.5 mm <sup>2</sup> black	9036300000

### End plate/partition

Dark beige Wemid	WAP	9538110000	20
Black PA 66	WAP	9538060000	20

### Cross-connection

2-pole	QL2	0194300000	50
3-pole	QL3	0194400000	50
4-pole	QL4	0194500000	50
10-pole	QL10	0338300000	20

### BS

QVS	QVS	0292500000	100
VH 19	VH 19	0318000000	100
QVS 2	QVS 2	0307300000	20
QVSK 2	QVSK 2	1670360000	20
QVS 3	QVS 3	0329300000	20
QVS 4	QVS 4	0307400000	20

### Test plug

PS 4	PS 4	0299600000	20
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### Test socket screw

StB 25 GE	StB 25 GE	0267200000	50
StB 25 GN	StB 25 GN	0271200000	50
StB 25 VI	StB 25 VI	0271300000	50
StB 35 GE	StB 35 GE	0389000000	50
StB 35 GN	StB 35 GN	0388900000	50
StB 35 VI	StB 35 VI	0389100000	50
StB 14	StB 14	0169900000	50

### Disconnect lock

SSP 3	SSP 3	0531760000	100
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### Marking tags

DEK	Standard	DEK 8	see "Accessories"
WS	white neutral	WS 12/6.5	1609920000 540
WS	indiv. printed	WS 12/6.5	1609930000 108

Mounting rails, end brackets, further marking materials see "Accessories"

Width/length/height (mm)	8/83/50
Width/length/height (mm)	8/83/49
Insulation stripping length/clamping screw/screwdriver blade	16 mm/M 3.5/4.0 x 0.8

Rated voltage/current/cross-section	<b>ESI</b>	500 V/24 A/6mm <sup>2</sup>
Rated impulse voltage/pollution severity		6 kV/3

Tightening torque range	0.8...1.4
Torque setting with DMS 2 electric screwdriver	3

Solid H07V-U	mm <sup>2</sup>	0.5...10
Stranded H07V-R	mm <sup>2</sup>	1.5...10
Flexible H07V-K	mm <sup>2</sup>	0.5...6
Max. clamping range in mm <sup>2</sup>		0.5...10
Gauge pin acc. to IEC 60 947-1		A4

Size 2 (x = 3 mm)	0.28...1.5/1...2.5
Size 1 (x = 4.6 mm)	0.28...1.5/1...2.5

Voltage/current/conductor size	UL	
Voltage/current/conductor size	CSA	

Type	Cat. No.	Qty.
WTD 6 SL	9538090000	50
WTD 6 SL	9538100000	50
WTD 6 SL	9538040000	50
WTD 6 SL	9538050000	50

0.25–1.5 mm <sup>2</sup> black	9036290000
1.25–2.5 mm <sup>2</sup> black	9036300000

Dark beige Wemid	WAP	9538110000	20
Black PA 66	WAP	9538060000	20

2-pole	QL 2	0194300000	50
3-pole	QL 3	0194400000	50
4-pole	QL 4	0194500000	50
10-pole	QL 10	0338300000	20

QVS	QVS	0292500000	100
VH 19	VH 19	0318000000	100
QVS 2	QVS 2	0307300000	20
QVSK 2	QVSK 2	1670360000	20
QVS 3	QVS 3	0329300000	20
QVS 4	QVS 4	0307400000	20

PS 4	PS 4	0299600000	20
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StB 25 GE	StB 25 GE	0267200000	50
StB 25 GN	StB 25 GN	0271200000	50
StB 25 VI	StB 25 VI	0271300000	50
StB 35 GE	StB 35 GE	0389000000	50
StB 35 GN	StB 35 GN	0388900000	50
StB 35 VI	StB 35 VI	0389100000	50
StB 14	StB 14	0169900000	50

SSP 3	SSP 3	0531760000	100
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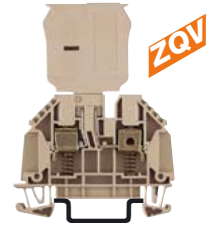
DEK	Standard	DEK 8	see "Accessories"
WS	white neutral	WS 12/6.5	1609920000 540
WS	indiv. printed	WS 12/6.5	1609930000 108

# W-series terminals with clamping yoke + spring

## WTR 4 SL



## WTR 4 SI SL



Dimensions/approvals	
Width/length/height (mm)	with TS 35
Width/length/height (mm)	+
Insulation stripping length/clamping screw/screwdriver blade	

Rated data	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductors	
Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Max. clamping range in mm <sup>2</sup>	
Gauge pin acc. to IEC 60 947-1	

Hook-shaped cable lugs acc. to ESI 50-18 Part 2	
Size 2 (x = 3 mm)	2 pieces
Size 1 (x = 4.6 mm)	2 pieces

UL/CSA rated data	
Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data		Version	Qty.
	WTR 4 SL	Dark beige Wemid	50
	WTR 4 SL	Blue Wemid	50
	WTR 4 SL	Black PA 66	50
	WTR 4 SL	Dark beige Wemid	50
	WTR 4 SL	Blue Wemid	50
	WTR 4 SL	Black PA 66	50

Hook-shaped cable lugs	
0.25–1.5 mm <sup>2</sup> black	

End plate/partition		Version	Qty.
	WAP	Dark beige Wemid	50
	WAP	Black PA 66	50
	WAP	Blue Wemid	50
	WTW	Dark beige Wemid	20

Cross-connection		Version	Qty.
	ZQV	2-pole	60
		3-pole	60
		4-pole	60
		10-pole	20
		41-pole	10
		neutral	10
		ISPF QB75 SW	10
		ISPF QB75 BL	10
		ISPF QB75 RT	10

Test plug		Version	Qty.
	PS 2.3		20
	Test adapter	WTA 6	25

Fuse holder		for 5x20 SIHA	Qty.
	SIHA 2/G 20	400 V-	25
	SIHA 2/G 20	12 V-/24 V-	25
	SIHA 2/G 20	20-30 V-/40-60 V-	25
	SIHA 2/G 20	40-60 V-/80-220 V-	25
	SIHA 2/G 20	115 V-/230 V-	25

Marking tags		Print	Qty.
	DEK	Standard	120
	WS	white neutral	600
	WS	indiv. printed	120

Mounting rails, end brackets, further marking materials see "Accessories"

UL/CSA	
6/60/47	
12.5/M3/3.5 x 0.6	

500 V/24 A/4mm <sup>2</sup>	
6 kV/3	

0.5...1	
2	

0.5...6	
1.5...4	
0.5...4	
0.13...6	
A4	

0.28...1.5/1...2.5	
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300 V/22 A/22...10 AWG	
300 V <sup>4</sup> /24 A/22...10 AWG	

Ordering data		Without StB	Qty.
	WTR 4 SL	7910300000	50
	WTR 4 SL	7910280000	50
	WTR 4 SL	7910290000	50
	WTR 4 SL	7910390000	50
	WTR 4 SL	7910370000	50
	WTR 4 SL	7910410000	50
		9036290000	

WAP		1050000000	50
WAP		1050010000	50
WAP		1050080000	50
WTW		1050100000	20

ZQV 4N/2		1758250000	60
ZQV 4N/3		1762630000	60
ZQV 4N/4		1762620000	60
ZQV 4N/10		1758260000	20
ZQV 4N/41		1758270000	10
QB 75/6.2/15		0535200000	10
ISPF QB75 SW		0526700000	10
ISPF QB75 BL		0526780000	10
ISPF QB75 RT		0526760000	10

		0180400000	20
		1632380000	25

		9537600000	25
		9537610000	25
		9537620000	25
		9537630000	25
		9537640000	25

DEK 6		see "Accessories"	
WS 12/6		1609900000	600
WS 12/6		1609910000	120

UL/CSA	
6/60/52	
12.5/M3/3.5 x 0.6	

400 V/6.3 <sup>3</sup> A/4mm <sup>2</sup>	
6 kV/3	

0.5...1	
2	

0.5...6	
1.5...4	
0.5...4	
0.13...6	
A4	

0.28...1.5/1...2.5	
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300 V/6.3 A/22...12 AWG	
300 V/6.3 A/22...10 AWG	

Ordering data		Without StB	Qty.
	WTR 4 SI SL	7910330000	50
	WTR 4 SI SL	7910350000	50
	WTR 4 SI SL	7910420000	50
	WTR 4 SI SL	7910440000	50
		9036290000	

WAP		1050000000	50
WAP		1050010000	50
WAP		1050080000	50
WTW		1050100000	20

ZQV 4N/2		1758250000	60
ZQV 4N/3		1762630000	60
ZQV 4N/4		1762620000	60
ZQV 4N/10		1758260000	20
ZQV 4N/41		1758270000	10
QB 75/6.2/15		0535200000	10
ISPF QB75 SW		0526700000	10
ISPF QB75 BL		0526780000	10
ISPF QB75 RT		0526760000	10

		0180400000	20
		1632380000	25

		9537600000	25
		9537610000	25
		9537620000	25
		9537630000	25
		9537640000	25

DEK 6		see "Accessories"	
WS 12/6		1609900000	600
WS 12/6		1609910000	120

<sup>3</sup>) Maximum power loss 1.6 W

<sup>4</sup>) With WAP or WTW 600V/22 A



## Terminals with electronic components

Incorporating electronic components into a terminal makes the connection point an active part of the installation. The unused space within a terminal can be sensibly used for signal indication, for suppressing sparks, or for signal conditioning. Weidmüller's range principally covers

### Terminals with indicator

to display the switching state, signals and the operating voltage. This indication simplifies the start-up process, monitoring, servicing and repairs of the installation.

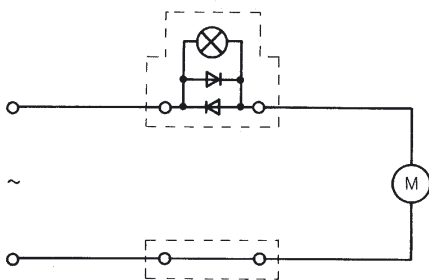
The range of terminals covers double-deck terminals for voltage/current monitoring, fuse terminals with outage display and disconnect test terminals for signalling disconnections.

Various coloured LEDs, glow lamps (low consumption) or regular bulbs are used for signal indication.

Typical applications are:

#### • Monitoring a ventilator motor

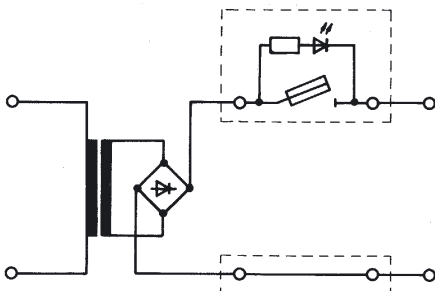
Displaying the current flow slows the operating status of the ventilator.



Typical example:

#### • Protecting a power supply

A lit LED shows a tripped fuse, whereby a small residual current is flowing through the terminal.



A status display without residual current is provided by the EGS fuse component.

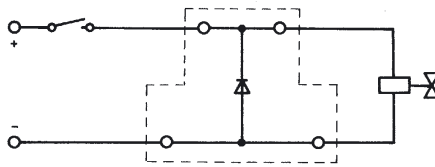
### Terminal with diode

for suppressing inductivity or for linking signals.

Typical example:

#### • Eliminating sparks on switching a DC valve

The electromagnetic energy stored in the coil fades through the diode on opening the contact.

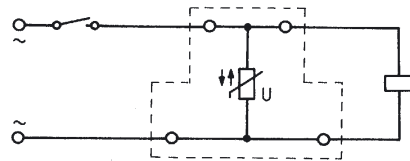


Typical example:

#### • Protecting contacts on switching an inductive AC load

A varistor limits the peak voltage on switching off the load.

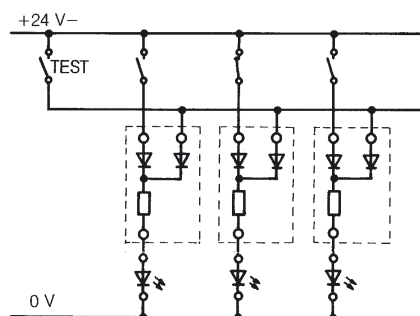
This prevents arcing and related burning of contacts.



Typical example:

#### • Test switch for LED display panels

The primary resistors for the LEDs are integrated into the terminal. Two diodes decouple control and test signals.



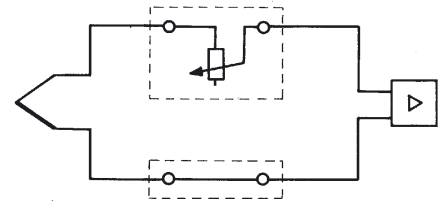
### Compensating terminals

In measurement, control and regulation technology various cable lengths and tolerances in the sensors necessitate matching of the circuits.

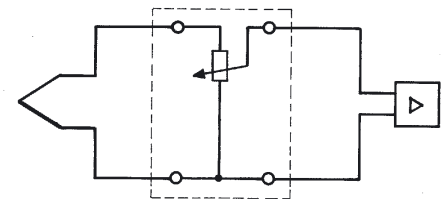
For this, we offer a combination of terminal and potentiometer an: Type SAKL 4.

Typical example:

#### • Temperature measurement



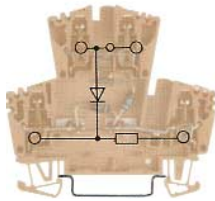
A further variation provides a **voltage distributor** in a terminal.



# Terminals with indicator

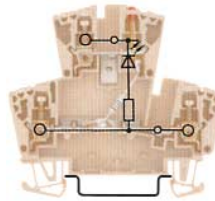
## WDK 2.5 LD

Direct **voltage** indicator



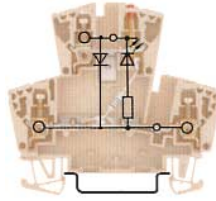
## WDK 2.5 LD

Direct **voltage** indicator



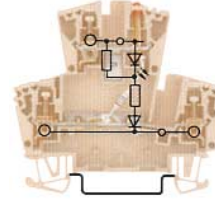
## WDK 2.5 LD

Direct **voltage** indicator



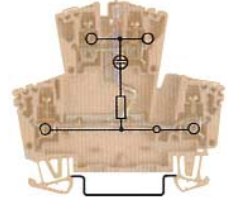
## WDK 2.5 LD

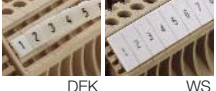
Alternating **voltage** indicator



## WDK 2.5 GL

Alternating **voltage** indicator



Dimensions		mm											
Length		69		69		69		69		69			
Height (incl. TS 35x7.5)		63		63		63		63		63			
Terminal width													
(+ assembly tolerance 0.2)		5		5		5		5		5			
Insulation stripping length		10		10		10		10		10			
Connection data													
Screw connection, flexible		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>			
Conductor cross-connection		AWG 26...12		AWG 26...12		AWG 26...12		AWG 26...12		AWG 26...12			
VDE rated data													
Current of through-busbar		10 A		10 A		10 A		10 A		10 A			
Cross-section		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>			
LED current		< 5 mA		< 5 mA		< 5 mA		< 5 mA		< 5 mA			
Voltage/indication		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.		
24 V~/red LED		WDK 2.5 LD	<b>8023630000</b>	WDK 2.5 LD	<b>1023600000</b>			WDK 2.5 LD	<b>8019050000</b>				
24 V~/green LED		WDK 2.5 LD	<b>8010040000</b>	WDK 2.5 LD	<b>8023610000</b>	WDK 2.5 LD	<b>8161430000</b>						
115 V~/red LED								WDK 2.5 LD	<b>8006320000</b>				
230 V~/red LED								WDK 2.5 LD	<b>8013140000</b>				
230 V~/glow lamp										WDK 2.5 GD	<b>8013840000</b>		
Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail (length 2 m)	TS 35 x 75	<b>0383400000</b>	2m	TS 35 x 7.5	<b>0383400000</b>	2m	TS 35 x 7.5	<b>0383400000</b>	2m	TS 35 x 7.5	<b>0383400000</b>	2m	
	slotted	<b>0514500000</b>	2m	slotted	<b>0514500000</b>	2m	slotted	<b>0514500000</b>	2m	slotted	<b>0514500000</b>	2m	
	TS 35 x 15	<b>0498000000</b>	2m	TS 35 x 15	<b>0498000000</b>	2m	TS 35 x 15	<b>0498000000</b>	2m	TS 35 x 15	<b>0498000000</b>	2m	
End bracket		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
EW 35 (thickness 8.5 mm)	EW 35	<b>0383560000</b>	50	EW 35	<b>0383560000</b>	50	EW 35	<b>0383560000</b>	50	EW 35	<b>0383560000</b>	50	
End plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
WAP (thickness 1.5 mm)	WAP	<b>1059100000</b>	100	WAP	<b>1059100000</b>	100	WAP	<b>1059100000</b>	100	WAP	<b>1059100000</b>	100	
Cross-connection (pre-assembled)													
2-pole	WQV 2.5	<b>1053660000</b>	50	WQV 2.5	<b>1053660000</b>	50	WQV 2.5	<b>1053660000</b>	50	WQV 2.5	<b>1053660000</b>	50	
3-pole	WQV 2.5	<b>1053760000</b>	50	WQV 2.5	<b>1053760000</b>	50	WQV 2.5	<b>1053760000</b>	50	WQV 2.5	<b>1053760000</b>	50	
4-pole	WQV 2.5	<b>1053860000</b>	50	WQV 2.5	<b>1053860000</b>	50	WQV 2.5	<b>1053860000</b>	50	WQV 2.5	<b>1053860000</b>	50	
10-pole	WQV 2.5	<b>1054460000</b>	50	WQV 2.5	<b>1054460000</b>	50	WQV 2.5	<b>1054460000</b>	50	WQV 2.5	<b>1054460000</b>	50	
Marking tags													
Print													
DEK	FW/FS/...	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"
WS white	neutral	WS 8/5	<b>1640740000</b> 720	WS 8/5	<b>1640740000</b> 720	WS 8/5	<b>1640740000</b> 720	WS 8/5	<b>1640740000</b> 720	WS 8/5	<b>1640740000</b> 720	WS 8/5	<b>1640740000</b> 720
WS	indiv. printed	WS 8/5	<b>1773360000</b> 300	WS 8/5	<b>1773360000</b> 300	WS 8/5	<b>1773360000</b> 300	WS 8/5	<b>1773360000</b> 300	WS 8/5	<b>1773360000</b> 300	WS 8/5	<b>1773360000</b> 300
		DEK		WS									

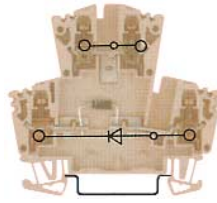
Mounting rails, end brackets, further marking materials see "Accessories"

# Terminals with diodes

(Other versions on request)

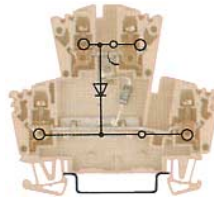
## WDK 2.5 D

Diode terminal, e.g. reverse polarity protection



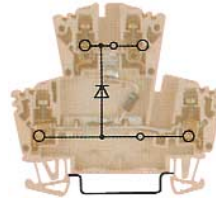
## WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DC voltage)



## WDK 2.5 D

Arc suppression circuit for contactors and solenoid valves (DC voltage)



### Dimensions

Length	mm	69
Height (incl. TS 35x7.5)	mm	63
Terminal width (+ assembly tolerance 0.2)	mm	5
Insulation stripping length	mm	10

### Connection data

Screw connection, flexible	0.5...2.5 mm <sup>2</sup>
Conductor cross-connection	AWG 26...12

### VDE rated data

Voltage	380 V~
Diode reverse voltage	1000 V
Diode current	1 A
Current of through-busbar	10 A

### Diode

1 N 4007

### Terminal colour

Dark beige Wemid

### Ordering data

Type	Cat. No.
WDK 2.5 D	<b>8025610000</b>

Type	Cat. No.
WDK 2.5 D	<b>1023400000</b>

Type	Cat. No.
WDK 2.5 D	<b>1023300000</b>

### Accessories

Type	Cat. No.	Qty.
Mounting rail (length 2 m)	TS 35 x 7.5	<b>0383400000</b> 2m
	slotted	<b>0514500000</b> 2m
	TS 35 x 15	<b>0498000000</b> 2m

Type	Cat. No.	Qty.
Mounting rail (length 2 m)	TS 35 x 7.5	<b>0383400000</b> 2m
	slotted	<b>0514500000</b> 2m
	TS 35 x 15	<b>0498000000</b> 2m

Type	Cat. No.	Qty.
Mounting rail (length 2 m)	TS 35 x 7.5	<b>0383400000</b> 2m
	slotted	<b>0514500000</b> 2m
	TS 35 x 15	<b>0498000000</b> 2m

### End bracket

EW 35 (thickness 8.5 mm)

EW 35 (8.5) **0383560000** 50

EW 35 (8.5) **0383560000** 50

EW 35 (8.5) **0383560000** 50

### End plate

WAP (thickness 1.5 mm)

WAP **1059100000** 100

WAP **1059100000** 100

WAP **1059100000** 100

### Cross-connection (pre-assembled)

2-pole

WQV 2.5 **1053660000** 50

WQV 2.5 **1053660000** 50

WQV 2.5 **1053660000** 50

3-pole

WQV 2.5 **1053760000** 50

WQV 2.5 **1053760000** 50

WQV 2.5 **1053760000** 50

4-pole

WQV 2.5 **1053860000** 50

WQV 2.5 **1053860000** 50

WQV 2.5 **1053860000** 50

10-pole

WQV 2.5 **1054460000** 50

WQV 2.5 **1054460000** 50

WQV 2.5 **1054460000** 50

### Marking tags



DEK



WS

Print	DEK	Standard
DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300

Print	DEK	Standard
DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300

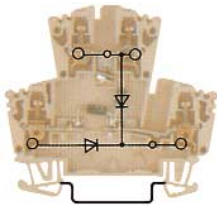
Print	DEK	Standard
DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300

Mounting rails, end brackets, further marking materials see "Accessories"

# Terminals with diodes

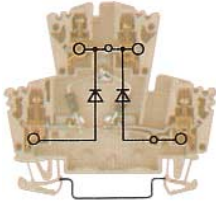
## WDK 2.5 D

Diode terminal for lamp test circuits



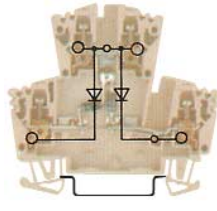
## WDK 2.5 D

Diode terminal for lamp test circuits



## WDK 2.5 D

Diode terminal for lamp test circuits



WDK 2.5 D		WDK 2.5 D		WDK 2.5 D				
69		69		69				
63		63		63				
5		5		5				
10		10		10				
0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>				
AWG 26...12		AWG 26...12		AWG 26...12				
380 V~		380 V~		380 V~				
1000 V		1000 V		1000 V				
1 A		1 A		1 A				
10 A		10 A		10 A				
1 N 4007		1 N 4007		1 N 4007				
Dark beige Wemid		Dark beige Wemid		Dark beige Wemid				
Type	Best. Nr	Type	Cat. No.	Type	Cat. No.			
WDK 2.5 D	<b>1023500000</b>	WDK 2.5 D	<b>1022600000</b>	WDK 2.5 D	<b>8014670000</b>			
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TS 35 x 7.5	<b>0383400000</b>	2m	TS 35 x 7.5	<b>0383400000</b>	2m	TS 35 x 7.5	<b>0383400000</b>	2m
slotted	<b>0514500000</b>	2m	slotted	<b>0514500000</b>	2m	slotted	<b>0514500000</b>	2m
TS 35 x 15	<b>0498000000</b>	2m	TS 35 x 15	<b>0498000000</b>	2m	TS 35 x 15	<b>0498000000</b>	2m
EW 35 (8.5)	<b>0383560000</b>	50	EW 35 (8.5)	<b>0383560000</b>	50	EW 35 (8.5)	<b>0383560000</b>	50
WAP	<b>1059100000</b>	100	WAP	<b>1059100000</b>	100	WAP	<b>1059100000</b>	100
WQV 2.5	<b>1053660000</b>	50	WQV 2.5	<b>1053660000</b>	50	WQV 2.5	<b>1053660000</b>	50
WQV 2.5	<b>1053760000</b>	50	WQV 2.5	<b>1053760000</b>	50	WQV 2.5	<b>1053760000</b>	50
WQV 2.5	<b>1053860000</b>	50	WQV 2.5	<b>1053860000</b>	50	WQV 2.5	<b>1053860000</b>	50
WQV 2.5	<b>1054460000</b>	50	WQV 2.5	<b>1054460000</b>	50	WQV 2.5	<b>1054460000</b>	50
DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 5	see "Accessories"	
WS 8/5	<b>1640740000</b>	720	WS 8/5	<b>1640740000</b>	720	WS 8/5	<b>1640740000</b>	720
WS 8/5	<b>1773360000</b>	300	WS 8/5	<b>1773360000</b>	300	WS 8/5	<b>1773360000</b>	300

# Terminals with electronic components

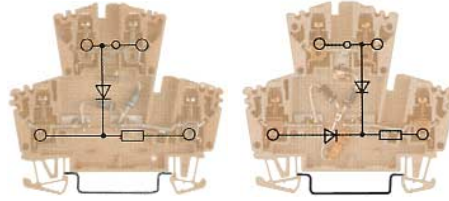
(Other versions on request)

## WDK 2.5 D

Diode terminal for lamp test circuits, with series resistor

## WDK 2.5 D

Diode terminal for lamp test circuits, with series resistor



Dimensions					
Length	mm	69		69	
Height (incl. TS 35 x 7.5)	mm	63		63	
Terminal width (+ assembly tolerance 0.2)	mm	5		5	
Insulation stripping length	mm	10		10	

Connection data					
Screw connection, flexible		0.5...2.5 mm <sup>2</sup>		0.5...2.5 mm <sup>2</sup>	
Conductor cross-connection		AWG 26...12		AWG 26...12	

VDE rated data					
Voltage		24 V-		24 V-	
Diode current		1 A		1 A	
Current of through-busbar		10 A		10 A	
Diode		1 N 4007		1 N 4007	
Resistance		1.5 kΩ		1.5 kΩ	

Ordering data		Type	Cat. No.	Type	Cat. No.
		WDK 2.5 D	<b>8016940000</b>	WDK 2.5 D	<b>8012260000</b>

Accessories		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Mounting rail (length 2 m)		TS 35 x 7.5	<b>0383400000</b>	2m	TS 35 x 7.5	<b>0383400000</b>	2m
		slotted	<b>0514500000</b>	2m	slotted	<b>0514500000</b>	2m
		TS 35 x 15	<b>0498000000</b>	2m	TS 35 x 15	<b>0498000000</b>	2m

End bracket		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	EW 35 (thickness 8.5 mm)	EW 35 (8.5)	<b>0383560000</b>	50	EW 35 (8.5)	<b>0383560000</b>	50

End plate		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	WAP (thickness 1.5 mm)	WAP	<b>1059100000</b>	100	WAP	<b>1059100000</b>	100

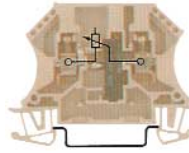
Cross-connection (pre-assembled)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	2-pole	WQV 2.5	<b>1053660000</b>	50	WQV 2.5	<b>1053660000</b>	50
	3-pole	WQV 2.5	<b>1053760000</b>	50	WQV 2.5	<b>1053760000</b>	50
	4-pole	WQV 2.5	<b>1053860000</b>	50	WQV 2.5	<b>1053860000</b>	50
	10-pole	WQV 2.5	<b>1054460000</b>	50	WQV 2.5	<b>1054460000</b>	50

Marking tags		Print	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	DEK	Standard	DEK 5	see "Accessories"		DEK 5	see "Accessories"	
	WS white	neutral	WS 8/5	<b>1640740000</b>	720	WS 8/5	<b>1640740000</b>	720
	WS	indiv. printed	WS 8/5	<b>1773360000</b>	300	WS 8/5	<b>1773360000</b>	300

Mounting rails, end brackets, further marking materials see "Accessories"



## WDUL 4/...



Dimensions					
Length	mm	60			
Height (incl. TS 35 x 7.5)	mm	47			
Terminal width (+ assembly tolerance 0.2)	mm	6			
Insulation stripping length	mm	9/10			
Connection data					
Screw connection, solid		0.5...4 mm <sup>2</sup>			
Screw connection, flexible		0.5...4 mm <sup>2</sup>			
Conductor cross-connection		AWG 22...12			
VDE rated data					
Power		1 W			
Cross-section		4 mm <sup>2</sup>			

Ordering data		Type	Cat. No.	Qty.			
Resistance	10 Ω	WDUL 4/10	1027000000	10			
	30 Ω	WDUL 4/30	1027100000	10			
	50 Ω	WDUL 4/50	1027200000	10			
	100 Ω	WDUL 4/100	1027300000	10			
	500 Ω	WDUL 4/500	1027400000	10			
	1 kΩ	WDUL 4/1K	1027500000	10			
	5 kΩ	WDUL 4/5K	1027600000	10			
	10 kΩ	WDUL4/10K	1027700000	10			
	50 kΩ	WDUL4/50K	1027800000	10			
	100 kΩ	WDUL4/100K	1027900000	10			
	500 kΩ	WDUL4/500K	1028000000	10			
	2 MΩ	WDUL 4/2M	1028100000	10			
		WDUL 4	8161820000	10			
		(without potentiometer)					

Accessories					
Mounting rail (length 2 m)	TS 35	0383400000	-		
End bracket (thickness mm)	EW 35 (8.5)	0383560000	50		
End plate (thickness mm)	WAP 2.5-10	1050000000	50		
Partition (thickness mm)	TW PA (1.5)	1050100000	20		
Screening bar	LS 2.8	1056400000	100		
Solder lug					

**Technical data for the 30 Ω compensation resistor**

Resistor material: "Cermet"

Resistor setting range: 0...30 Ω

Curve form: linear

Temperature coefficient: ± 100 ppm/°C

Mechanical service life: 200 actuations without permissible deviations throughout the entire resistance range

Resistance change per spindle turn: ≈ 1.2 Ω

Rated output for total resistance: 1 W at 70 °C

Rated current: 120 mA

Ambient temperature: -55 °C to +70 °C

Sealing:

- 1) Leak-tested in water with 70 °C without foaming
- 2) Storage in SFW 2.0 S acc. to DIN 50018, 9 cycles

