Uninorm

Control panel mounting enclosure acc. to DIN IEC 61554

– 36 sizes

– Fixing with screw or spring clamps

– Connecting piece for standard retaining clasps in accordance with DIN 43835 form B

– Comprehensive range of accessories

Colour	Black, similar to RAL 9005; special colours on request
Protection class	IP 40 up to IP 65/DIN EN 60529, depending on the design
Enclosure material	Modified PPE+PS (SE1 GFN1); for details see Technical Information

Different fixing systems allow optimal mounting in the switch cabinet or control panel. The accessory parts can be used to define different methods of access. With the flexible transparent PVC hoods, push-buttons and switches can be operated through the hood and – depending on the method of mounting – are protected up to IP 65.

Uninorm control panel
mounting enclosure acc. to DIN IEC 61554

Control panel mounting enclosure

Model	Order no.	A	B	C	a1	b1	c1
NGS 4806	17480601	48	48	63	38,8	38,8	56,5
NGS 4808	17480801*	48	48	85	38,8	38,8	78,5
NGS 4810	17481001	48	48	109,5	38,8	38,8	103
NGS 4811	17481101*	48	48	119	38,8	38,8	112,5
NGS 4813	17481301*	48	48	141	38,8	38,8	134,5
NGS 7406	17740601	144	72	64	131,5	61,5	56
NGS 7408	17740801	144	72	86	131,5	61,5	78,5
NGS 7410	17741001	144	72	110,5	131,5	61,5	103
NGS 7411	17741101	144	72	120	131,5	61,5	112,5
NGS 7413	17741301	144	72	142	131,5	61,5	134,5
NGS 7416	17741601	144	72	166,5	131,5	61,5	159
NGS 7706	17770601	72	72	63	61,5	61,5	56,5
NGS 7708	17770801*	72	72	85	61,5	61,5	78,5
NGS 7710	17771001	72	72	109,5	61,5	61,5	103
NGS 7711	17771101*	72	72	119	61,5	61,5	112,5
NGS 7713	17771301*	72	72	141	61,5	61,5	134,5
NGS 7716	17771601*	72	72	165,5	61,5	61,5	159
NGS 9406	17940601	96	48	63	86,2	38,8	56,5
NGS 9408	17940801	96	48	85	86,2	38,8	78,5
NGS 9410	17941001	96	48	109,5	86,2	38,8	103
NGS 9411	17941101	96	48	119	86,2	38,8	112,5
NGS 9413	17941301	96	48	141	86,2	38,8	134,5
NGS 9416	17941601	96	48	165,5	86,2	38,8	159
NGS 9606	17960601	96	96	63	86,2	86,2	56,5
NGS 9608	17960801	96	96	85	86,2	86,2	78,5
NGS 9610	17961001	96	96	109,5	86,2	86,2	103
NGS 9611	17961101	96	96	119	86,2	86,2	112,5
NGS 9613	17961301	96	96	141	86,2	86,2	134,5
NGS 9616	17961601	96	96	165,5	86,2	86,2	159
NGS 9806	17980601	144	144	64	131,5	131,5	56,5
NGS 9808	17980801	144	144	85	131,5	131,5	78,5
NGS 9810	17981001	144	144	110,5	131,5	131,5	103
NGS 9811	17981101	144	144	120	131,5	131,5	112,5
NGS 9813	17981301	144	144	142	131,5	131,5	134,5
NGS 9816	17981601	144	144	166,5	131,5	131,5	159
NGS 9806 GR	17980605*	144	144	165,5	131	131	66,2

Scope of delivery:
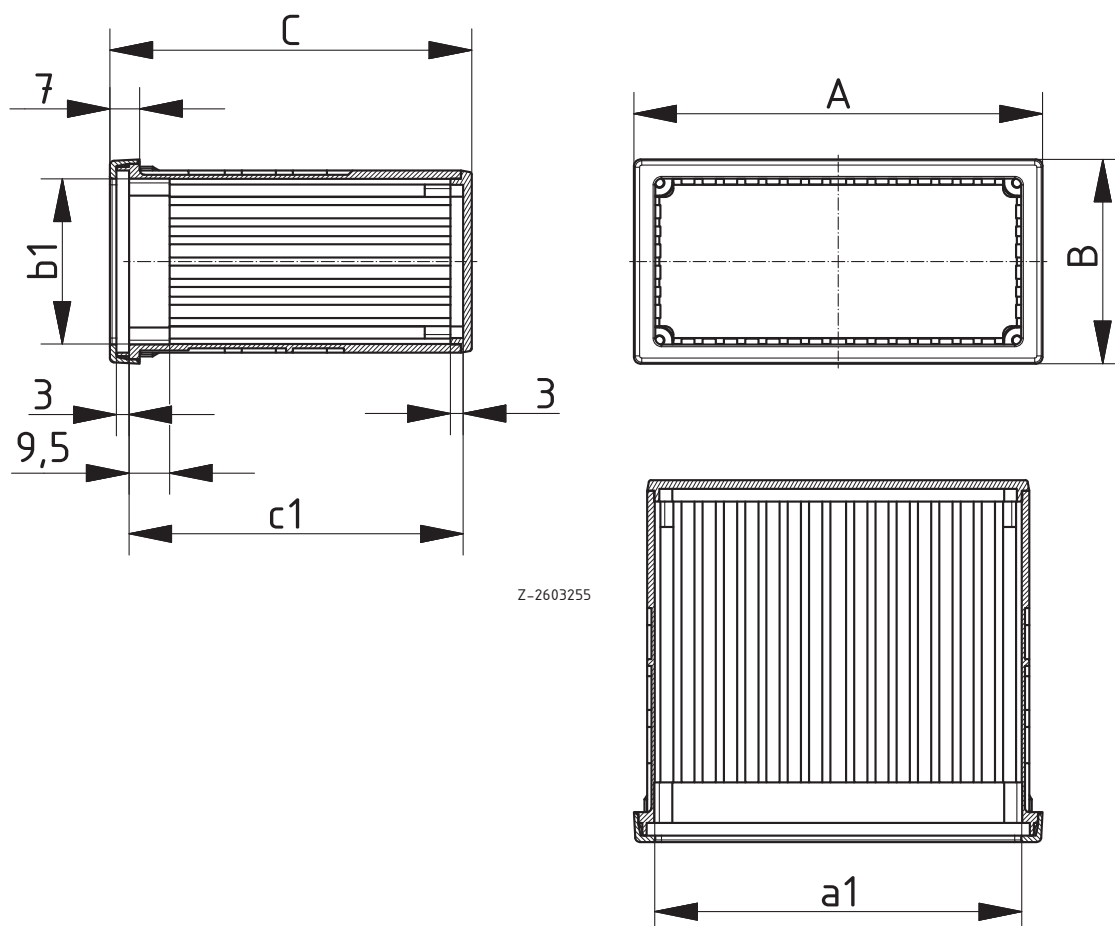NGS...: Enclosure, standard front frame, rear lid, screws
NGS 9806-GR: Enclosure, standard front frame, 2 clamps

Note: * = Available on request. See following pages for accessories.
NGS-9806-GR design with stepped rear panel.

Uninorm control panel
mounting enclosure acc. to DIN IEC 61554

C

7

b1

3

9,5

3

c1

Z–2603255

A

B

a1

Uninorm accessories

Spring clamp for fixing enclosure

Model	Order no.	
NGS-NF	37005000	

Scope of delivery: 2 pieces

Note: The spring clamp is snapped onto the external wall of the enclosure and then, with the enclosure, clamped into the control panel cut-out.

Screw clamp for screw-fitting enclosure

Model	Order no.	
NGS-NK	37003000	

Scope of delivery: 2 pieces

Note: The screw clamp is placed on the enclosure from the rear of the control panel. After this, the enclosure is pressed firmly onto the wall of the control panel by means of the integrated screw.

Connecting piece for insertion of standard retaining clasps acc. to DIN 43835

Model	Order no.	
NGS-ZE	37004000	

Scope of delivery: 2 pieces

Standard retaining clasp in accordance with DIN 43835 form B (only for use with NGS-ZE)

Model	Order no.	
NGS-NH	37001000	

Scope of delivery: 2 pieces

Front panels, natural-coloured anodised aluminium

Model	Order no.	Note
NGS 48 FAE	37000050	For NGS 48..
NGS 74 FAE	37000200	For NGS 74..
NGS 77 FAE	37000100	For NGS 77..
NGS 94 FAE	37000300	For NGS 94..
NGS 96 FAE	37000400	For NGS 96..
NGS 98 FAE	37000500	For NGS 98..
NGS 98 FAE	37000510*	For NGS 9806-GR

Scope of delivery: 1 front panel

Note: The 1.5 mm thick aluminium front panel can be sealed towards the enclosure by means of the NGS...DI seal. Take panel bending into account.
* = Available on request

Uninorm accessories

Plastic front panel, red translucent

Model	Order no.	Note
NGS 48 FKT	37000610	For NGS 48..
NGS 74 FKT	37000700	For NGS 74..
NGS 77 FKT	37000600	For NGS 77..
NGS 94 FKT	37000800	For NGS 94..
NGS 96 FKT	37000900	For NGS 96..
NGS 98 FKT	37000950	For NGS 98.., for NGS 9806-GR

Scope of delivery: 1 front panel

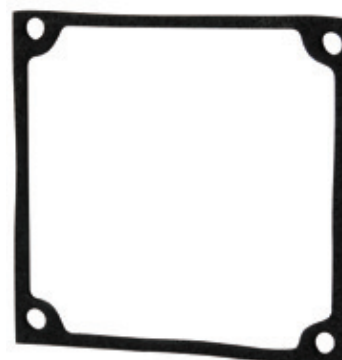Note: The 3 mm thick plexiglass screen is especially suitable for use with LEDs. Sealing with NGS…DI is not possible.

Front panel seal (non-definable protection class)

Model	Order no.	Note
NGS 48 DI	37048010	For NGS 48..
NGS 74 DI	37074010	For NGS 74..
NGS 77 DI	37077010	For NGS 77..
NGS 94 DI	37094010	For NGS 94..
NGS 96 DI	37096010	For NGS 96..
NGS 98 DI	37098010	For NGS 98.., for NGS 9806-GR

Scope of delivery: 5 pieces

Note: The 1.5 mm thick neoprene foam rubber seal can be used to seal the NGS...FAE front panels towards the interior of the enclosure. Take panel bending into account.

External control panel seal (non-definable protection class)

Model	Order no.	Note
NGS 48 DA	37048000	For NGS 48..
NGS 74 DA	37074000	For NGS 74..
NGS 77 DA	37077000	For NGS 77..
NGS 94 DA	37094000	For NGS 94..
NGS 96 DA	37096000	For NGS 96..
NGS 98 DA	37098000	For NGS 98..

Scope of delivery: 5 pieces

Note: The 1.5 mm thick neoprene foam rubber seal can be used to seal the enclosures towards the wall of the control panel. Take possible panel bending into account. If necessary, 4 fixing elements can be used to achieve a higher level of sealing.
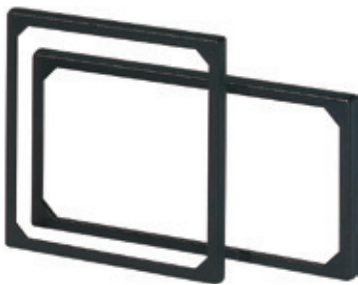
Uninorm accessories

Front lid with continuous membrane keypad, snaps firmly on

Model	Order no.	Note
NGS 48 F	37948500*	For NGS 48..
NGS 74 F	37974500	For NGS 74..
NGS 77 F	37977500	For NGS 77..
NGS 94 F	37994500	For NGS 94..
NGS 96 F	37996500	For NGS 96..
NGS 98 F	37998500	For NGS 98.., for NGS 9806-GR

Scope of delivery: 1 membrane front

Note: * = Available on request

Front frame with screw covers, snaps firmly on

Model	Order no.	Note
NGS 48 SA	37948600	For NGS 48..
NGS 74 SA	37974600	For NGS 74..
NGS 77 SA	37977600	For NGS 77..
NGS 94 SA	37994600	For NGS 94..
NGS 96 SA	37996600	For NGS 96..
NGS 98 SA	37998600	For NGS 98.., for NGS 9806-GR

Scope of delivery: 1 front frame

Crystal-clear hood, snap-on

Model	Order no.	Note
NGS 48 AH	37948700*	For NGS 48..
NGS 74 AH	37974700*	For NGS 74..
NGS 77 AH	37977700*	For NGS 77..
NGS 94 AH	37994700*	For NGS 94..
NGS 96 AH	37996700*	For NGS 96..
NGS 98 AH	37998700*	For NGS 98.., for NGS 9806-GR

Scope of delivery: 1 hood

Note: Can be used only in connection with membrane front NGS...F and front frame NGS...SA.
* = Available on request

Uninorm accessories

Clear hood cover, flexible, up to IP 65 possible

Model	Order no.	Note
NGS 48 GHN	37004800	For NGS 48..
NGS 74 GHN	37007400	For NGS 74..
NGS 77 GHN	37007700	For NGS 77..
NGS 94 GHN	37009400	For NGS 94..
NGS 96 GHN	37009600	For NGS 96..
NGS 98 GHN	37009800	For NGS 98.., for NGS 9806-GR

Scope of delivery: 1 flexible transparent PVC hood

Note: Buttons or rocker switches can be operated through the hood. Protection class up to IP 65, depending on assembly.

Crystal-clear front door, snap-on, with knob

Model	Order no.	Note
NGS 74 TK	17740000*	For NGS 74..
NGS 96 TK	17960000	For NGS 96..
NGS 98 TK	17980000	For NGS 98.., for NGS 9806-GR

Scope of delivery: 1 front door

Note: * = Available on request

Cylinder lock for front door NGS...TK

Model	Order no.
SHLO-302	21008310

Scope of delivery: 1 lock, 2 keys

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