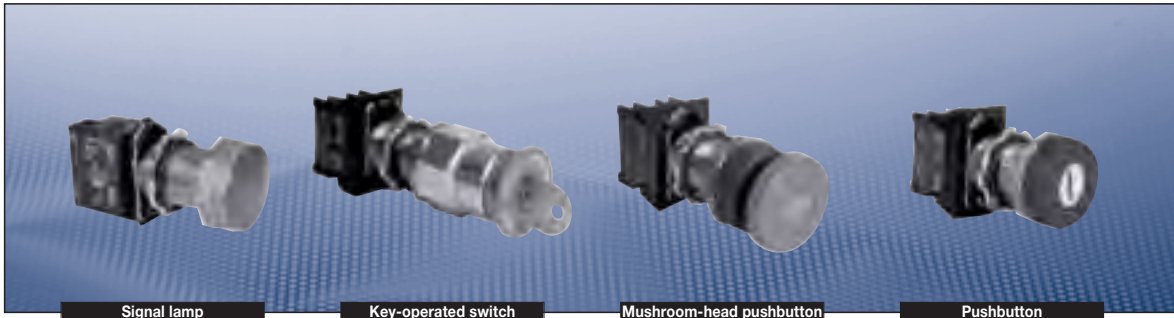


## ■ Built-in components ■



Signal lamp

Key-operated switch

Mushroom-head pushbutton

Pushbutton

## Technical data

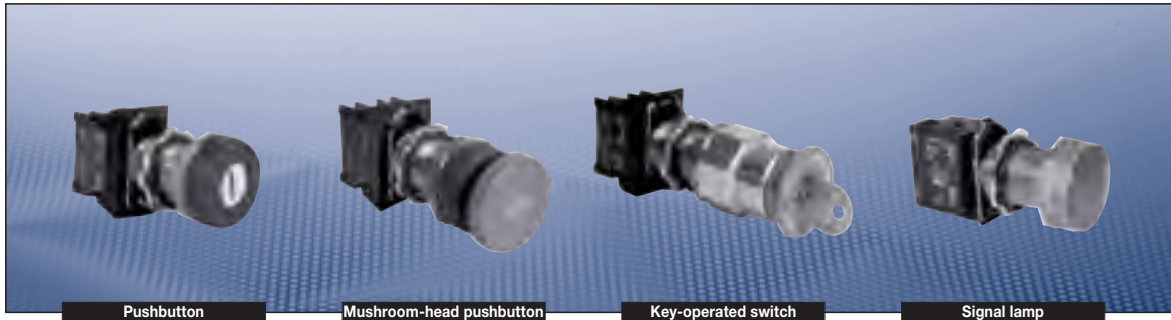
### Signal lamp

Marking to 94/9/EC	Ⓔ II 2 G Ex d IIB
EC Type Examination Certificate	LOM 02 ATEX 3060 U
Application temperature <sup>1)</sup>	-20 °C to +40 °C
Rated voltage	500 V
Rated power	3 W
Terminal cross-section	2 x 2.5 mm <sup>2</sup>
Degree of protection acc. to EN 60529	IP65
Weight	see ordering details
Enclosure material	body material aluminium window material white, yellow, red or green polycarbonate
Lamp cap	Ba 9 s

### Pushbutton | Mushroom-head pushbutton | Key-operated switch | Contact block

Marking to 94/9/EC	Ⓔ II 2 G Ex d IIB
EC Type Examination Certificate	LOM 02 ATEX 3060 U
Application temperature <sup>1)</sup>	-20 °C to +40 °C
Rated voltage	500 V
Rated current	10 A
Terminal cross-section	2 x 2.5 mm <sup>2</sup>
Degree of protection acc. to EN 60529	IP65
Weight	see ordering details
Enclosure material	Aluminium

<sup>1)</sup> Depend on installation



**Ordering details**

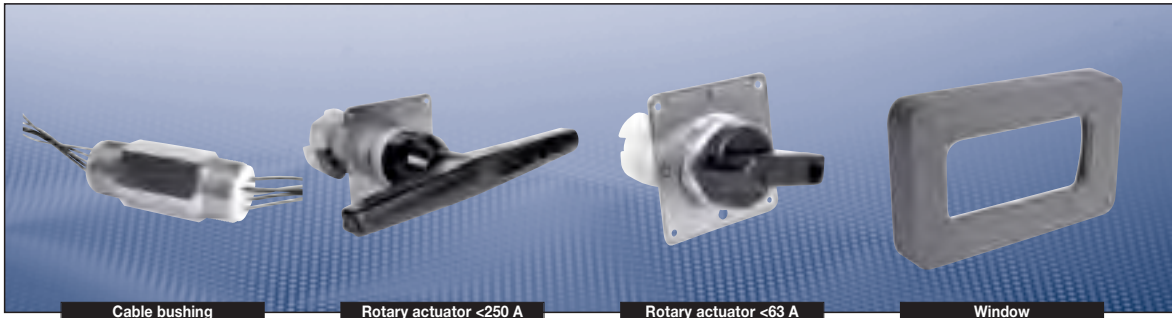
Version	Colour	Order No.
<b>Signal lamps</b>		
Incandescent lamp 240 V, 3 W	white, yellow, red, yellow-green	<b>NOR 000 001 170 016</b>
Incandescent lamp 130 V, 2.6 W	white, yellow, red, yellow-green	<b>NOR 000 001 170 017</b>
Incandescent lamp 24 V, 1.2 W	white, yellow, red, yellow-green	<b>NOR 000 001 170 018</b>
Transformer incandescent lamp 380-400/6V, 1.2 W	white, yellow, red, yellow-green	<b>NOR 000 001 170 019</b>
LED 230 V	white, yellow, red, yellow-green	<b>NOR 000 001 170 116</b>
LED 130 V	white, yellow, red, yellow-green	<b>NOR 000 001 170 117</b>
LED 24 V	white, yellow, red, yellow-green	<b>NOR 000 001 170 118</b>

Version	Colour	Marking	Order No.
<b>Pushbutton and mushroom-head pushbutton with contact block 1NC + 1NO</b>			
Pushbutton	white	I 0 STOP START	<b>NOR 000 001 170 004</b>
Pushbutton lockable in pushed position with padlock	white	0 STOP OFF	<b>NOR 000 001 170 005</b>
Pushbutton lockable in un-pushed position with padlock	white	I 0 STOP START	<b>NOR 000 001 170 006</b>
Mushroom-head pushbutton	red, yellow	0 STOP OFF	<b>NOR 000 001 170 007</b>
Mushroom-head pushbutton lockable in un-pushed position with padlock	red, yellow	0 STOP OFF	<b>NOR 000 001 170 008</b>
Mushroom-head pushbutton lockable in un-pushed position with padlock	red, yellow	0 STOP OFF	<b>NOR 000 001 170 009</b>
Key-operated switch			<b>NOR 000 001 170 010</b>
Mushroom-head pushbutton with key release			<b>NOR 000 001 170 011</b>
Pushbutton		RESET	<b>NOR 000 001 170 012</b>

Version	Colour	Marking	Order No.
<b>Contact block (without pushbutton)</b>			
1 NC			<b>NOR 000 001 170 013</b>
1 NO			<b>NOR 000 001 170 014</b>
Pushbutton label	green, red, yellow, black	II Arrow ON RESET TEST	<b>NOR 000 001 170 015</b>

Version	Order No.
<b>Key operated switch</b>	
0-1, 2 P 12 A	<b>NOR 000 001 170 020</b>
0-1, 2 P 25 A	<b>NOR 000 001 170 021</b>
0-1, 3 P 25 A	<b>NOR 000 001 170 022</b>
1-2, 1 P 12 A	<b>NOR 000 001 170 023</b>
1-2, 2 P 12 A	<b>NOR 000 001 170 024</b>
1-0-2, 1 P 12 A	<b>NOR 000 001 170 025</b>

## Built-in components



### Technical data

#### Window

Marking to 94/9/EC	Ⓔ II 2 G Ex d IIB
EC Type Examination Certificate	LOM 02 ATEX 3060 U
Application temperature <sup>1)</sup>	-20 °C to +40 °C
Degree of protection acc. to EN 60529	IP65
Dimensions (L x W x H)	60 x 60 mm
	75 x 75 mm
	110 x 50 mm
	110 x 75 mm
Enclosure material	frame material aluminium
	window material borosilicate glass
Enclosure colour	grey epoxy resin finish

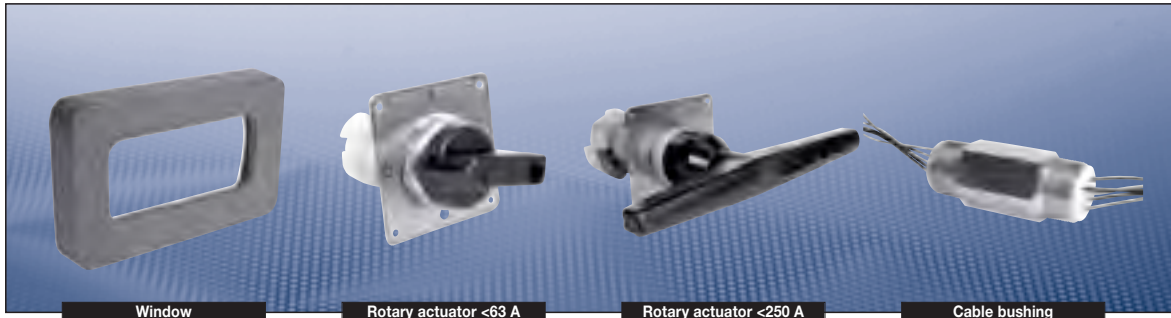
#### Rotary actuator

Marking to 94/9/EC	Ⓔ II 2 G Ex d IIB
EC Type Examination Certificate	LOM 02 ATEX 3060 U
Application temperature <sup>1)</sup>	-20 °C to +40 °C
Rated voltage	500 V
Rated current	25 A
	63 A
	250 A
	500 A
Degree of protection acc. to EN 60529	IP65
Enclosure material	aluminium
Enclosure colour	stainless-steel finish
Options	Locking facility for units up to 40 A on front panel, for units > 40 A on enclosure panel

#### Cable bushing

Marking to 94/9/EC	Ⓔ II 2 G Ex d IIB
EC Type Examination Certificate	LOM 02 ATEX 3060 U
Application temperature <sup>1)</sup>	-20 °C to +40 °C
Rated voltage	690 V
Rated current	50 A
	75 A
	150 A
Line cross section	4 x 10 mm <sup>2</sup> + 1 x 6 mm <sup>2</sup> up to 9 x 1.5 mm <sup>2</sup> + as required ( 50 A)
	4 x 16 mm <sup>2</sup> + 1 x 10 mm <sup>2</sup> up to 9 x 1.5 mm <sup>2</sup> + as required ( 75 A)
	4 x 50 mm <sup>2</sup> + 1 x 10 mm <sup>2</sup> up to 47 x 1.5 mm <sup>2</sup> + as required (150 A)
Degree of protection acc. to EN 60529	IP65
Material	bichromatised hexagonal steel
Cable sealing	high-thermal and chemical-resistant compound

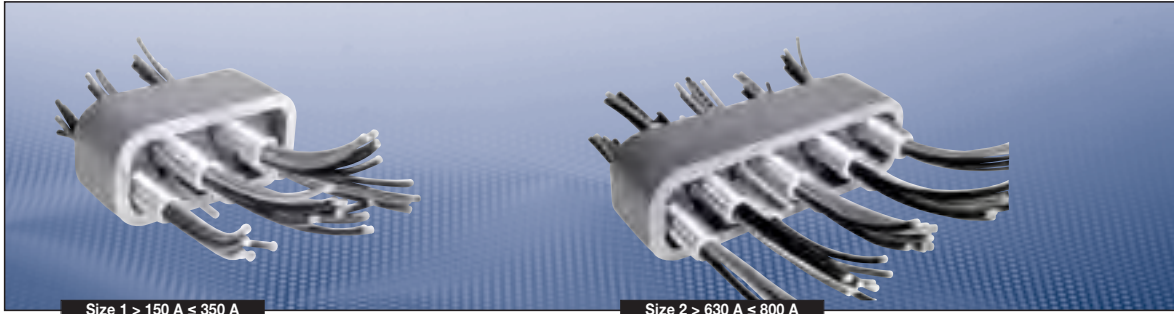
<sup>1)</sup> Depend on installation



## Ordering details

Version	Order No.		
<b>Rotary switch</b>			
Rotary switch, 1-0-2, 2 P, 12 A	NOR 000 001 170 026		
Rotary switch, 0-1, 2 P, 12 A	NOR 000 001 170 027		
Rotary switch, 0-1-M, 2 P, 12 A	NOR 000 001 170 028		
<b>Rotary actuator for main switch</b>			
Main switch, 25 A to < 63 A	NOR 000 001 170 029		
Main switch, 63 A to < 100 A	NOR 000 001 170 030		
Main switch, 100 A to < 250 A	NOR 000 001 170 031		
Main switch, 250 A to < 1000 A	NOR 000 001 170 032		
<b>Plain labels for switch</b>			
Plain labels for switch, 60 x 60	NOR 000 001 170 033		
Plain labels for switch, 70 x 70	NOR 000 001 170 034		
Plain labels for switch, 85 x 85	NOR 000 001 170 035		
<b>Rotary actuator for MCBs</b>			
Rotary control switch for MCBs 1 pole ABB	NOR 000 001 170 933		
Rotary control switch for MCBs Multipole ABB	NOR 000 001 170 925		
Rotary control switch for MCBs 1 pole M&G	NOR 000 001 170 600		
Rotary control switch for MCBs Multipole M&G	NOR 000 001 170 569		
Rotary control switch for MCBs POWER	NOR 000 001 170 565		
<b>Cable bushing</b>			
50 A 4 x 10 mm <sup>2</sup> + 1 x 6 mm <sup>2</sup>	3/4" NPT	3P+N+PE	NOR 000 001 170 892
75 A 4 x 16 mm <sup>2</sup> + 1 x 10 mm <sup>2</sup>	1" NPT	3P+N+PE	NOR 000 001 170 909
150 A 4 x 50 mm <sup>2</sup> + 1 x 10 mm <sup>2</sup>	1 1/2" NPT	3P+N+PE	NOR 000 001 170 917
<b>Window</b>			
60 x 60 mm, Type M 6060			NOR 000 001 170 000
75 x 75 mm, Type M 7575			NOR 000 001 170 001
110 x 50 mm, Type M 11050			NOR 000 001 170 002
110 x 75 mm, Type M 11075			NOR 000 001 170 003
<b>Blanking plug</b>			
Blanking plug			NOR 000 001 170 154

## ■ Built-in components ■



### Technical data

Bus bar for interconnection of enclosures	
Marking to 94/9/EC	Ⓔ II 2 G Ex d IIB
EC Type Examination Certificate	LOM 02 ATEX 3060 U
Application temperature <sup>1)</sup>	-20 °C to +40 °C
Rated voltage	690 V AC
Rated current	150 A 350 A 500 A 800 A
Wire cross-section	
Size 1 to 150 A 3P+N+PE	4 x 10 mm <sup>2</sup> + 1 x 6 mm <sup>2</sup> , to 9 x 1.5 mm <sup>2</sup> + depends on use
Size 1 to 350 A 3P+N+PE	Aluminium coupler 208 x 102 mm, comprising 4 bars, (3P+N) 350 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail
Size 1 to 500 A	Aluminium coupler 208 x 102 mm, comprising 4 bars, (3P+N) 500 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail
Size 2 to 800 A	Aluminium coupler 310 x 102 mm, comprising 7 bars, (3P+N) 800 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail
Degree of protection acc. to EN 60529	IP65
Dimensions (L x W x H)	60 x 60 mm 75 x 75 mm 110 x 50 mm 110 x 75 mm
Enclosure material	Duroplastic
Cable sealing	high-thermal and chemical-resistant compound

<sup>1)</sup> Depend on installation



### Ordering details

Version	Enclosure size	Order No.
<b>Bus bars for interconnection of enclosures</b>		
Aluminium coupler 208 x 102 mm, comprising 4 bars, (3P+N+PE) ≤ 350 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail	1	<b>NOR 000 001 170 036</b>
Aluminium coupler 208 x 102 mm, comprising 4 bars, (3P+N+PE) > 350 A ≤ 500 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail	1	<b>NOR 000 001 170 037</b>
Aluminium coupler 310 x 102 mm, comprising 4 bars, (3P+N+PE) > 500 A ≤ 630 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail	2	<b>NOR 000 001 170 038</b>
Aluminium coupler 310 x 102 mm, comprising 3 x 2 + 1 bars, (3P+N+PE) > 630 A ≤ 800 A, 1 auxiliary bushing max. 19 x 1.5 mm <sup>2</sup> , 1 PE-Rail	2	<b>NOR 000 001 170 039</b>

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