

Installation Switches Series 8030

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Degree of protection IP 65
- Robust moulded plastic enclosure
- Large switch lever with phosphorescent inlaid strip

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The 8030 series of installation switches are used for lighting installations. For greater clarity when the lighting fails, a phosphorescent strip is inlaid in the switch lever. The switch position is shown unambiguously by the 90° action. This is especially convenient if lights and switch are in different rooms.

Zone 1 and Zone 2

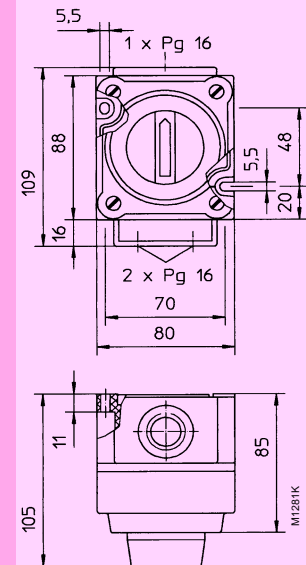
Selection table

Version	Schematic	Ordering code	Weight [kg]																		
On-off-switch	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0°/360°</td><td></td><td></td></tr> <tr><td>90°</td><td>X</td><td>X</td></tr> <tr><td>180°</td><td>X</td><td>X</td></tr> <tr><td>270°</td><td>X</td><td>X</td></tr> </table>	0°/360°			90°	X	X	180°	X	X	270°	X	X	8030/51 – 033	0,6						
0°/360°																					
90°	X	X																			
180°	X	X																			
270°	X	X																			
Changeover switch	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0°/360°</td><td>X</td><td></td></tr> <tr><td>60°</td><td></td><td>X</td></tr> <tr><td>120°</td><td>X</td><td></td></tr> <tr><td>180°</td><td></td><td>X</td></tr> <tr><td>240°</td><td>X</td><td></td></tr> <tr><td>300°</td><td></td><td>X</td></tr> </table>	0°/360°	X		60°		X	120°	X		180°		X	240°	X		300°		X	8030/51 – 035	0,6
0°/360°	X																				
60°		X																			
120°	X																				
180°		X																			
240°	X																				
300°		X																			

Technical data

Explosion protection	EEx de IIC T6			
Test certificate	PTB Nr. Ex-80/1010 Other certificates: FM (USA), LCIE (France), BKI (Hungary), FTZU (Czech Republic), SEV (Switzerland), TÜV Vienna (Austria), VNIIEF (Russia), DNV (Germany), SZS (Yugoslavia), BVS (Germany)			
Enclosure material	Polyester, cover in polyamide			
Cover fixing	M 5, cheese head screws			
Rated voltage	500 V, AC; 250 V, DC			
Switching capacity (acc. VDE 0660, part 104, 09/82)	AC	230 V	400 V	
	AC 1	16 A	16 A	
	AC 11	6 A	6 A	
		16 A	16 A	
	DC	60 V –	110 V –	220/250 V –
DC 1	–	–	16 A	
DC 11	1 A	0,6 A	0,4 A	
L/R =	100 ms			
Contacts	max. 2 pole, see selection table			
Life	≥ 10 ⁵ operations			
Ambient temperature	– 20° C ... + 40° C			
Degree of protection	IP 65			
Connection	2,5 mm ² , screw terminals			
Cable entry	1 Compression gland PG 16, 2 plugs Pg 16			

Dimensions, all dimensions in mm – subject to alteration



8030/51
Installation switches

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Spare parts

Designation	Illustration	Description	for installation switches	Ordering code	Weight [kg]
On-off-switch switching component		double pole	8030/51 – 033	80 080 33 01 0	0,13
		Changeover	8030/51 – 035	80 080 35 01 0	0,13
Compression gland		Pg 16	8030/...	81 610 05 01 0	0,014