

Installation Switch Series 8040/11-V30



- > Available as
 - 2 pole OFF switch or
 - changeover switch
- > Enclosure made of optical fibre reinforced polyester resin
- > Degree of protection IP66 according to IEC/EN 60529
- > Clear position indicator 0/1 or ON/OFF

E3

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10035E00

The installation switches Series 8040/11-V30 are used for lighting installations. The switch position is shown unambiguously by the 90° position. This is especially convenient if lights and switch are in different rooms. The fluorescent turning handle can be useful in the case of a power failure.

| Zone | ATEX / IECEx | | | | | |
|------------|--------------|---|---|----|----|----|
| | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

Explosion Protection

Global (IECEx)

Gas and dust | IECEx PTB 06.0025
 Ex db eb ia [ia Ga] ib mb q IIC T6 Gb
 Ex tb IIIC T80°C Db

Europe (ATEX)

Gas and dust | PTB 01 ATEX 1105
 Ⓜ II 2 G Ex db eb ia [ia Ga] ib mb q IIC T6 Gb
 Ⓜ II 2 D Ex tb IIIC T80°C Db

Certifications and certificates

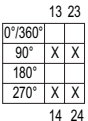

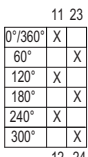
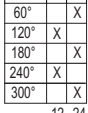
Certificates | IECEx, ATEX, Brazil (INMETRO), China (China-Ex), India (PESO), Canada (cUL), Kazakhstan (TR), Korea (KCs), Russia (TR), Ukraine (TR), USA (UL), Belarus (TR)

WebCode 8040F

Installation Switch

Series 8040/11-V30

Selection Table

| Version | Description | Schematic | Ambient temperature | Art. no. | Order number | Weight kg |
|---|--------------------|---|---------------------|---------------|----------------------------------|-----------|
| Installation Switch Series 8040/11-V30 | Off switch |  | -20 ... +60 °C | 245655 | 8040 / 11 - V30 - 033 - B | |
| | Off switch |  | -60 ... +60 °C | 245656 | 8040 / 11 - V30 - 033 - S | |
| | Changeover switch |  | -20 ... +60 °C | 245657 | 8040 / 11 - V30 - 035 - B | |
| | Changeover switch |  | -60 ... +60 °C | 245658 | 8040 / 11 - V30 - 035 - S | |
| | according to order | | | 245689 | 8040 / 11 - V30 - . . | |

8040/11-V30-...-B: Actuator with seal made of NBR
8040/11-V30-...-S: Actuator with seal made of silicone

Technical Data

Electrical data

| | | | |
|---------------------------|--------------------|------|-------|
| Rated operational voltage | 690 V AC, 220 V DC | | |
| Switching capacity | AC-1 | 16 A | 690 V |
| | AC-15 | 16 A | 415 V |
| | AC-3 | 8 A | 500 V |
| | AC-3 | 4 A | 690 V |
| | DC-1 | 10 A | 24 V |
| | DC-1 | 6 A | 60 V |
| Number of poles | 2 | | |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | -20 ... +60 °C (sealing material: NBR) |
| | -60 ... +60 °C (sealing material: silicone) |

Mechanical data

| | |
|--------------------------------|--|
| Degree of protection | IP66 according to IEC/EN 60529 |
| Material | |
| Enclosure | Polyester resin, glass fibre reinforced |
| Cover | Polyester resin, glass fibre reinforced |
| Seal | Silicone, foamed |
| Service life | ≥ 10 ⁶ operations |
| Cover lock | 4 x M4 x 22 stainless steel countersunk head screw |
| Cover screws tightening torque | 1.4 Nm |

Mounting / Installation

| | |
|-------------|--|
| Cable entry | 1 x M25 x 1.5 cable gland 2 x M25 x 1.5 stopping plug |
| Terminals | finely stranded: 1.5 ... 2.5 mm ² single-wire: 1.5 ... 4.0 mm ² |

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Technical Data

| | | | |
|---------|----------|---------|---|
| Flanges | Standard | Plastic | Side D: 1 x M25 x 1.5 cable gland 8161 1 x M25 x 1.5 stopping plug 8290 Side C: 1 x M25 x 1.5 stopping plug 8290 |
| | Special | Plastic | 8040A0351 PA 2xM25x1.5 8040A0351 PA 2xM20x1.5 8040A0351 PA 1xM32x1.5 8040A0351 PA 3xM16x1.5 8040A0351 PA closed5 8040A0351 PA acc. to specification 8040A0351 PA 1xM20, 1xM25 |
| | | Metal | 8040 metal acc. to specification 8040 metal 1xM25x1.5 8040 metal 2xM20x1.5 8040 metal 1xM32x1.5 |

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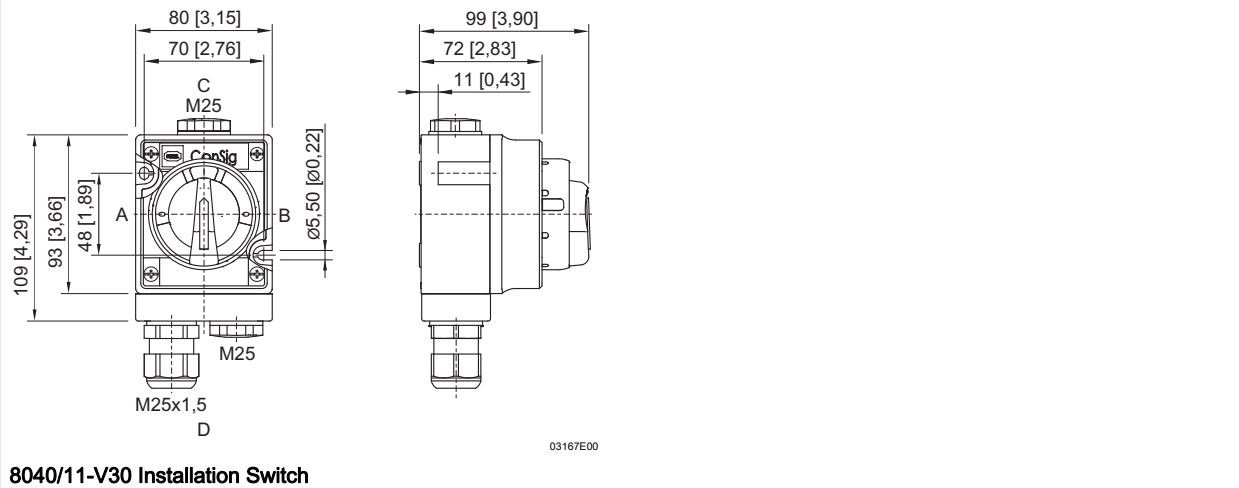
Accessories and Spare Parts

| Designation | Figure | Description | Art. no. | Weight kg |
|----------------|---|---|-------------------|--------------|
| Switch |  10342E00 | for Installation Switch 8040/11-V30-033 OFF switch | 128441 | 0.128 |
| | | for Installation Switch 8040/11-V30-035 changeover switch | 128450 | 0.128 |
| | | | | |
| Cable entries |  02055E00 | of moulded material, Series 8161 | on request | |
| |  14977E00 | Ex d & Ex e cable gland for all types of unarmoured and braid armour cables (nickel plated brass) | on request | |
| |  17695E00 | Cable Gland for all Types of Armoured Cables (SWA/ AWA, Wire-Braid, Tape) (Steel and Aluminium) | on request | |
| Stopping plugs |  01519E00 | made of plastic, series 8290 | on request | |
| |  01901E00 | made of metal, series 8294 | on request | |

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Dimensional Drawings (All Dimensions in mm [inches]) - Subject to Alterations



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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.