



## M 687-11-1-8R

- screw or spade terminals
- Thermoplastic enclosure

## Data

### Ordering data

Product type description	M 687-11-1-8R
Article number (order number)	101055284
EAN (European Article Number)	4030661004181
eCl@ss number, version 12.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 9.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

### Approvals - Standards

Certificates	CCC
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### General data

Standards	EN IEC 60947-5-1
Housing material	thermosetting resin
Material of the actuator	Thermoplastic
Material of the housing cover	Glass-fibre, thermoplastic
Gross weight	36 g

## General data - Features

Number of normally closed (NC)	1
Number of normally open (NO)	1

## Mechanical data

Mechanical life, minimum	10,000,000 Operations
Actuating force	4 N
Contact opening	2 x 0.5 mm
Ejection force, minimum	0.8 N
Actuating speed, minimum	1 mm/min
Repeat accuracy of switching points	0.02 mm

## Mechanical data - Connection technique

Wire cross-section	2.5 mm <sup>2</sup>
Terminal (mechanical)	Screw connection

## Ambient conditions

Degree of protection	IP40
Degree of protection of clips or terminals	IP00 (without connector)
Ambient temperature	-30 ... +120 °C

## Ambient conditions - Insulation values

Rated insulation voltage $U_i$	250 VAC
Rated impulse withstand voltage $U_{imp}$	4 kV
Degree of pollution	2

## Electrical data

Thermal test current	6 A
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Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Switching principle	Snap action with self-cleaning contact
Bounce duration, maximum	1.5 ms
Maximum switching frequency	10,000 /h
Switchover time, maximum	10 ms
Material of the contacts, electrical	Gold-plated silver (AgNi 15 + Au 0,3µm)

## Pictures

### Product picture (catalogue individual photo)



ID: KM687F02

| 392.1 kB | .jpg | 249.767 x 201.789 mm - 708 x 572 px - 72 dpi

| 46.0 kB | .png | 74.083 x 59.972 mm - 210 x 170 px - 72 dpi

| 85.4 kB | .jpg | 123.472 x 99.836 mm - 350 x 283 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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