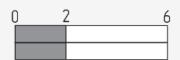
DATASHEET





EF220.1

- Screw connection
- Mounting flange position 1
- 11-12; 21-22 (Contact labelling)
- Suitable for EMERGENCY-OFF

Data

Ordering data

EAN (European Article Number) 4250116201365

eCl@ss number, Version 9.0 27-37-13-02

eCl@ss number, Version 11.0 27-37-13-02

ETIM number, version 6.0 EC000041

Approval - Standards

Certificates cULus

CCC

EAC

General data

Standards EN 60947-5-1

IEC/EN 60947-1

Enclosure material Plastic, glass-fibre reinforced thermoplastic, self-extinguishing

Material of the contacts, electrical Silver

Contact labelling 11-12

21-22

Gross weight 20 g

General data - Features

Suitable for EMERGENCY-OFF Yes

Number of openers 2

Mechanical data

Installation instructions pluggable

Mechanical life, minimum 10,000,000 Operations

positive break travel 2 mm

Contact opening 2 mm

Note Bounce duration Bounce duration at an Actuating speed of 100mm/s

Mounting flange position 1

Mechanical data - Connection technique

Terminal Connector Screw connection

Cable section, minimum 0.5 mm², rigid

0.5 mm², flexible

Cable section, maximum 2.5 mm², rigid

1.5 mm², flexible

Note (Cable section) All indications about the cable section are including the conductor

ferrules.

Mechanical data - Dimensions

Length 46 mm

Width 10 mm

Depth 60 mm

Ambient conditions

Degree of protection of the switch rooms IP40

Degree of protection of clips or terminals IP20

Ambient temperature, minimum -25 °C

Ambient temperature, maximum +80 °C

Restistance to shock 110 g / 4 ms

Resistant to vibration Resistance to vibration: 20 g / 10...200 Hz

Ambient conditions - Insulation value

Rated insulation voltage U_i 400 V

Electrical data

Thermal test current 10 A

Utilisation category AC-15 230 VAC

Utilisation category AC-15 8 A

Utilisation category DC-13 24 VDC

Utilisation category DC-13 5 A

Suitable for low-voltages \geq 5 V / \geq 3.2 mA

Switching element Opener (NC)

Switching principle Slow action

Bounce duration, maximum 5 ms

Switching frequency 1,200 /h

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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.

Generated on: 11/9/2021, 10:14 AM