

**Main features**

- Technopolymer housing, shock-proof
- Protection degree IP53 or IP65
- 14 contact blocks available
- Various auxiliary devices available
- Assembled through special joining kits

Utilization categories

Alternating current: AC15 (50÷60 Hz)

U _e (V)	250	400	500
I _e (A)	6	4	1

Direct current: DC13

U _e (V)	24	125	250
I _e (A)	6	1.1	0.4

**Markings and quality marks:
complete foot switch**

EAC approval: RU C-IT DM94.B.01024

internal contact block

UL approval: E131787
 CCC approval: 2013010305600704
 EAC approval: RU C-IT DM94.B.01024

Technical data**Housing**

Housing with double insulation:
 Base:



glass fiber reinforced technopolymer, self-extinguishing and shock-proof technopolymer, self-extinguishing and shock-proof

Cap:

Tightening torque, cover screws:

0.8 ... 1.2 Nm

Actuating force:

16 N

One threaded conduit entry:

M20x1.5 (standard)

Tightening torque, cable clamp screws:

0.8 ... 1 Nm

Protection degree:

IP53 (P●●●●0-M2) or IP65 (P●●●●1-M2) acc. to EN 60529 with cable gland having equal or higher protection degree

General data

Ambient temperature:

-25°C ... +80°C

Safety parameters:

B_{10g}:

20,000,000 for NC contacts

Max. operation frequency:

3600 operating cycles/hour

Mechanical endurance:

10 million operating cycles¹

(1) One operation cycle means two movements, one to close and one to open contacts, as defined in EN 60947-5-1.

Electrical data

Thermal current (I_{th}):

10 A

Rated insulation voltage (U_i):

500 Vac 600 Vdc

Rated impulse withstand voltage U_{imp}:

6 kV

Conditional short circuit current:

1000 A acc. to EN 60947-5-1

Protection against short circuits:

type aM fuse 10 A 500 V

Pollution degree:

3

Cable cross section (flexible copper strands)

Contact block combinations (all):

min. 1 x 0.5 mm² (1 x AWG 20)

max. 2 x 2.5 mm² (2 x AWG 14)

Terminal screw tightening torque:

0.6 ... 0.8 Nm

In conformity with standards:

IEC 60947-5-1, EN 60947-5-1, IEC 60947-1, EN 60947-1, EN 60529.

In conformity with the requirements of:

Low Voltage Directive 2006/95/EC, Machinery Directive 2006/42/EC and EMC Directive 2004/108/EC.

Positive contact opening in conformity with standards:

IEC 60947-5-1, EN 60947-5-1.

Installation for safety applications:

Use only switches marked with the symbol ⊕ aside the product code. Always connect the safety circuit to the **NC contacts** (normally closed contacts: 11-12, 21-22 or 31-32) as stated in **standard EN 60947-5-1, encl. K, par. 2.**