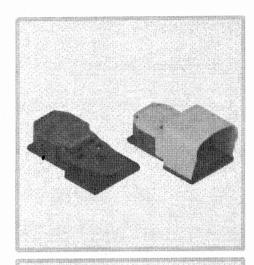
# Single foot switches PX and PA series



## 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) 250 400 500 Ue (V) le (A) 6 Direct current: DC13 250 Ue (V) 24 0.4 le (A) 6

Markings and quality marks: complete foot switch

EAC approval: RU C-IT ДМ94.B.01024

internal contact block

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UL approval: CCC approval: EAC approval: 2013010305600704 RU C-IT ДМ94.В.01024

# Technical data

## Housing

Housing with double insulation:

Base:

Cap:

Tightening torque, cover screws:

Actuating force:

One threaded conduit entry: Tightening torque, cable clamp screws:

Protection degree:

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

0.8 ... 1.2 Nm

16 N

M20x1.5 (standard)

0.8 ... 1 Nm

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: Safety parameters:

-25°C ... +80°C

B<sub>10d</sub>: 20,000,000 for NC contacts 3600 operating cycles<sup>1</sup>/hour Max. operation frequency: 10 million operating cycles1

Mechanical endurance: (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 (Ith):

10 A 500 Vac 600 Vdc Rated insulation voltage (Ui): 6 kV

Rated impulse withstand voltage U<sub>imp</sub>:

1000 A acc. to EN 60947-5-1 Conditional short circuit current: Protection against short circuits: type aM fuse 10 A 500 V

Pollution degree:

Cable cross section (flexible copper strands)

Contact block combinations (all):

1 x 0.5 mm<sup>2</sup> 2 x 2.5 mm<sup>2</sup>

(1 x AWG 20) (2 x AWG 14)

max. 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.