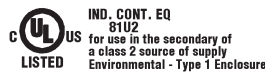


1) Active surface

- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)
- Cable, PUR, 5.00 m



General attributes

Approvals / Conformity

cULus

CE

EAC

Basic standard

IEC 60947-5-2

Enclosure Type per IEC 60529

IP67

Function indicator

Yes

Operating distance marking

■ ■

Polarity reversal protected

Yes

Power indicator

No

Short circuit protected

Yes

MTTF

305 a

Electrical attributes

Connection type

Cable

Eff. operating current I_e

100 mA

Eff. operating voltage U_e DC

24.0 V

Electrical version

DC, direct current

Load capacitance max. (at U_e)

1.000 µF

Max. no-load cur. I_o undamped

2.0 mA

Minimum operating current I_m

0 mA

No-load current I_o damped max.

6.0 mA

Operating voltage U_B max. DC [V]

30.0 V

Operating voltage U_B min. DC [V]

10.0 V

Rated insulation voltage U_i

75 VDC

Rated short circuit current

100 A

Ripple max. (% of U_e)

10 %

Switching freq. f max. (at U_e)

5000 Hz

Switching function

Normally open (NO)

Switching output

PNP

Voltage drop static max.

2.0 V

Mechanical attributes

Ambient temperature T_a max.

70 °C

Ambient temperature T_a min.

-25 °C

Assured operating distance S_a

1.21 mm

Cable diameter D max.

3.0 mm

Cable jacket material

PUR

Cable length

5.00 m

Conductor cross-section

0.14 mm²

Depth

27.0 mm

Diameter d1

D04.0

Eff. operating distance S_r

1.50 mm

Housing material

Stainless steel

Mech. installation condition

Flush (shielded)

Mounting length

26.0 mm

Number of conductors

3

Rated operating distance S_n [mm]

1.50 mm

Sensing face material

PBT

Remarks

The sensor is functional again after the overload has been eliminated.

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

