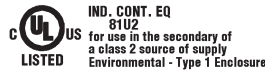


- Polarized
- Normally open (NO)
- 15.00 mm
- Flush (shielded)
- Cable, PVC, 2.00 m



**General attributes**

Approvals / Conformity

cULus  
CE  
EAC  
IEC 60947-5-2  
IP67  
Yes  
■  
Yes  
No  
Yes  
GLOBAL  
315 a

Basic standard

Enclosure Type per IEC 60529

Function indicator

Operating distance marking

Polarity reversal protected

Power indicator

Short circuit protected

Trademark

MTTF

**Electrical attributes**

Connection type

Eff. operating current  $I_e$

Eff. operating voltage  $U_e$  DC

Electrical version

Load capacitance max. (at  $U_e$ )

Minimum operating current  $I_m$

Operating voltage  $U_B$  max. DC [V]

Operating voltage  $U_B$  min. DC [V]

Rated insulation voltage  $U_i$

Rated short circuit current

Ripple max. (% of  $U_e$ )

Switching freq.  $f$  max. (at  $U_e$ )

Switching function

Switching output

Voltage drop static max.

Cable  
100 mA  
24.0 V  
DC, direct current  
1.000  $\mu$ F  
5 mA  
36.0 V  
10.0 V  
75 VDC  
100 A  
15 %  
400 Hz  
Normally open (NO)  
Polarized  
4.0 V

**Mechanical attributes**

Ambient temperature  $T_a$  max.

Ambient temperature  $T_a$  min.

Assured operating distance  $S_a$

Cable diameter  $D$  max.

Cable jacket material

Cable length

Conductor cross-section

Depth

Diameter  $d_1$

Eff. operating distance  $S_r$

Housing material

Mech. installation condition

Mounting length

Number of conductors

Rated operating distance  $S_n$  [mm]

Sensing face material

Surface protection

Tightening torque

70 °C

-25 °C

12.00 mm

4.6 mm

PVC

2.00 m

0.34 mm<sup>2</sup>

42.5 mm

M30x1.5

15.00 mm

CuZn

Flush (shielded)

40.0 mm

2

15.00 mm

PA 12

Nickel-free coating

70 Nm

**Remarks**

Embeddable: See installation notes for inductive sensors with extended switching distance 825357.

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

Specify maximum attainable switching frequency (not per IEC 60947-5-2)

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.

