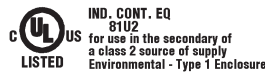


- PNP
- Normally open (NO)
- 15.00 mm
- Flush (shielded)
- Cable, PVC, 2.00 m



General attributes

Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Function indicator
Operating distance marking
Polarity reversal protected
Power indicator
Protection Class
Short circuit protected
Trademark
MTTF (40°C)

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

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
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

Cable
200 mA
24.0 V
DC, direct current
0.500 µF
5.0 mA
0 mA
10.0 mA
30.0 V
10.0 V
250 VAC
100 A
15 %
100 Hz
Normally open (NO)
PNP

Voltage drop static max.

2.5 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 d1
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
12.20 mm
4.6 mm
PVC
2.00 m
0.34 mm²
53.0 mm
M30x1.5
15.00 mm
CuZn
Flush (shielded)
50.0 mm
3
15.00 mm
PA 12
Nickel-free coating
70 Nm

Remarks

The sensor is functional again after the overload has been eliminated.
Embeddable: See installation notes for inductive sensors with extended switching distance 825357.

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.

