



1) Active surface 2) Housing 3) Top cover 4) Pot 5) LED function indicator

- PNP
- Normally open (NO)
- 4.00 mm
- Flush (shielded)
- Connector, M12x1-S04
- switching distance adjustable



IND. CONT. EQ. 81U2
for use in the secondary of
a class 2 source of supply



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General attributes

Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Polarity reversal protected
Scope of delivery
Short circuit protected
MTTF

CE
cULus
IEC 60947-5-2
IP65
Yes
2 nuts
Yes
584 a

Electrical attributes

Connection type
Eff. operating current I_e
Electrical version
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Ripple max. (% of U_e)
Sensitivity
Switching freq. f max. (at U_e)
Switching function
Switching output
Voltage drop static max.

Connector
200 mA
DC, direct current
35.0 V
12.0 V
75 V DC
10 %
switching distance adjustable
100 Hz
Normally open (NO)
PNP
1.5 V

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Connector type
Cover material
Diameter d1
Housing material
Mech. installation condition
Mounting length
Rated operating distance S_n [mm]
Sensing face material
Tightening torque

70 °C
-30 °C
M12x1-S04
PA
M12x1.0
1.4301
Flush (shielded)
31.0 mm
4.00 mm
PTFE
40 Nm

Remarks

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.

