



1) Active surface 2) Housing 3) Top cover 4) Pot 5) LED Power 6) LED function indicator

- NPN
- 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
Function indicator
Polarity reversal protected
Power indicator
Protection Class
Scope of delivery
Short circuit protected
Trademark

cULus
CE
IEC 60947-5-2
IP67
Yes
Yes
Yes
II
2 nuts
Yes
GLOBAL

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Max. no-load cur. I_o undamped
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
Ripple max. (% of U_e)

Connector
100 mA
24.0 V
DC, direct current
15.0 mA
18.0 mA
30.0 V
10.0 V
75 V DC
10 %

Sensitivity
Switching freq. f max. (at U_e)
Switching function
Switching output
Voltage drop static max.

switching distance adjustable
100 Hz
Normally open (NO)
NPN
1.5 V

Mechanical attributes

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

85 °C
-25 °C
M12x1-S04
PBT / PA
75.0 mm
M12x1.0
PBT
Flush (shielded)
39.0 mm
4.00 mm
PBT
+85 °C
-25 °C
1 Nm
4.00 mm
1.00 mm

