



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

- NPN
- Normally open (NO)
- 1.50 mm
- Flush (shielded)
- Connector, M08x1-S49

- 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

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

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

Electrical attributes

Connection type
Eff. operating current I_e
Electrical version
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)
Sensitivity

Connector
50 mA
DC, direct current
10.0 mA
30.0 V
11.0 V
75 V DC
10 %
switching distance adjustable

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

100 Hz
Normally open (NO)
NPN
2.0 V

Mechanical attributes

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

70 °C
-10 °C
M08x1-S49
M08x1.0
1.4301
Flush (shielded)
30.0 mm
1.50 mm
PTFE
6 Nm
1.50 mm
0.10 mm

