



1) Housing rotatable by 304° 2) Tightening torque 1...1.5 Nm 3) Tightening torque 16.5 Nm

- Normally open (NO)
- 2.00 mm
- Flush (shielded)
- Connector, 7/8"-16UN-S05



General attributes

| | |
|------------------------------|--|
| Approvals / Conformity | CE cULus EAC |
| Basic standard | IEC 60947-5-2 |
| Enclosure Type per IEC 60529 | IP67 |
| Function indicator | Yes |
| Magnetic field immune | immune to magnetic DC and AC fields |
| Part number sealing ring | 116143 |
| Polarity reversal protected | Yes |
| Power indicator | Yes |
| Protection Class | I |
| Scope of delivery | 2 x hexagon socket screw UNC 1/4"- 20x 3/4" - 12.9 1 x O-ring Ø17.13 x 2.62 |
| Short circuit protected | Yes |
| Trademark | Strokemaster |

Electrical attributes

| | |
|----------------------------------|------------|
| Connection type | Connector |
| Eff. operating current Ie | 500 mA |
| Eff. operating voltage Ue AC | 110.0 V |
| Electrical version | UC (AC/DC) |
| Magnetic field strength | 100 kA/m |
| Minimum operating current Im | 5 mA |
| Operating voltage UB max. AC [V] | 250.0 V |
| Operating voltage UB max. DC [V] | 250.0 V |
| Operating voltage UB min. AC [V] | 20.0 V |

| | |
|---|--------------------|
| Operating voltage UB min. DC [V] | 20.0 V |
| Rated frequency, AC | 50/60 Hz |
| Rated insulation voltage Ui | 250 VAC |
| Rated short circuit current | 100 A |
| Short-time cur. load cap. Freq | 1.0 Hz |
| Short-time load cap./time I _k /T | 3.0 A/20 ms |
| Switching freq. f max. (at U _e) | 50 Hz |
| Switching function | Normally open (NO) |
| Voltage drop static max. | 6.0 V |

Mechanical attributes

| | |
|----------------------------------|-------------------------------|
| Ambient temperature Ta max. | 70 °C |
| Ambient temperature Ta min. | -25 °C |
| Assured operating distance Sa | 1.60 mm |
| Connector type | 7/8"-16UN-S05 |
| Diameter d1 | D12.7 |
| Eff. operating distance Sr | 2.00 mm |
| Height (small side) | 48.0 mm |
| Housing material | 1.4104 / GD-ZnAl |
| Length L | L = 2.062" ±0.005" (52.37) |
| Mech. installation condition | Flush (shielded) |
| Pressure resistance | oilpressure-rated to 3000 psi |
| Rated operating distance Sn [mm] | 2.00 mm |
| Sensing face material | Ceramic |
| Size of sealing ring | 17.13 x 2.62 |
| Surface protection | Nickel-plated |
| Width (long side) | 64.2 mm |

Inductive sensor

BES 516-200-S2/2.062"-S5

Order code: BHS000U

BALLUFF

Remarks

Leakage current I_r max. at rated operating voltage U_e AC 110 V

LED 1: Operating voltage; LED 2: Function

Flashing LED indicates overload. When the overload is removed, interrupt the supply voltage U_b for approx. 2 sec.

For UL application the device should be used with External Connection Cable, any (CYJV/7), min. temperature rating 95°C.

