

Limit switch box SRBC-CA5-YR90-MW-22A-1W-C2

Part number: 8137103

FESTO



Data sheet

| Feature | Value |
|--|---|
| Approval | c CSA us (OL) |
| CE mark (see declaration of conformity) | To EU Low Voltage Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions To UK regulations for electrical equipment |
| Note on materials | RoHS-compliant |
| Safety Integrity Level (SIL) | SIL 2 |
| Measuring principle | Mechanical/electrical |
| Ambient temperature | -20 °C...80 °C |
| Switching output | Contacting |
| Switching element function | Toggle switch, single-pole |
| Max. output current AC | 3 A |
| Max. output current DC | 3 A |
| Operational voltage range AC | 0 V...230 V |
| Operational voltage range DC | 0 V...30 V |
| Microswitch type | Omron SS-5 |
| Electrical connection | Screw terminal |
| Electrical connection 1, connection type | Terminal strip |
| Electrical connection 1, cable outlet | Straight |
| Electrical connection 1, connector system | Spring-loaded terminal |
| Electrical connection 1, number of connections/cores | 10 |
| Connectable nominal cross section conductor | 0.25 mm ² ...2.5 mm ² |
| Permissible cable diameter | 5 mm...13 mm |
| Dimensions (W x L x H) | 114 mm x 98 mm x 122 mm |
| Type of mounting | On flange according to ISO 5211 |
| Mounting position | optional |
| Product weight | 800 g |
| Housing colour | grey |
| Material housing | Die-cast aluminium |
| Material seals | NBR |
| Material shaft | High-alloy stainless steel |
| Material screws | High-alloy stainless steel |

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|------------------------------------|--|
| Material mounting bracket | High-alloy stainless steel |
| Material snap ring | High-alloy stainless steel |
| Material disc | High-alloy stainless steel |
| Material cover cap | PC |
| Position indicator | Yellow/red |
| Setting range of angular detection | 0 deg...90 deg |
| Storage temperature | -20 °C...50 °C |
| Degree of protection | IP67 NEMA 4/4X |
| Shock resistance | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 |
| Vibration resistance | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Pollution degree | 3 |