Limit switch box
SRBC-CA3-YR90-MW-22A-1W-C2P20

Part number: 3482805



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
KC mark	KC-EMV
Certificate issuing authority	Eurocert. 93927
Note on materials	RoHS compliant
Safety Integrity Level (SIL)	SIL 3
Measuring principle	mechanical/electrical
Ambient temperature	-20 °C...80 °C
Switching output	conventional
Switching element function	Toggle switch, single-pin
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 mm²...2.5 mm²
Cable fitting	M20x1.5
Permissible cable diameter	5 mm...13 mm
Dimensions (W x L x H)	127 mm x 98 mm x 122 mm
Connection point for positioner and position sensor conforms to standard	VDI/VDE 3845 size AA 1
Mounting position	Any
Product weight	800 g
Housing colour	Grey

Feature	Value
Material housing	Die-cast aluminium
Material seals	NBR
Material shaft	High-alloy stainless steel
Material screws	High-alloy stainless steel
Material blanking plug	PA
Material mounting bracket	High-alloy stainless steel
Material indicator	Makrolon®
Material cable gland	PA
Material snap ring	High-alloy stainless steel
Material disc	High-alloy stainless steel
Material cover cap	Makrolon®
Position indicator	Yellow/red
Setting range of angular detection	0 deg...90 deg
Storage temperature	-20 °C...50 °C
Degree of protection	IP66 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