Limit switch box
SRBC-CA3-YR90-R-2A-1W-C2P20

Part number: 3482811



Data sheet

Feature	Value
Certification	c CSA us (OL)
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK instructions for electrical equipment
KC characters	KC-EMV
Certificate issuing authority	Eurocert. 93927
Note on materials	RoHS compliant
Safety integrity level (SIL)	SIL 3
Measuring principle	Magnetic reed
Ambient temperature	-20 °C...80 °C
Switching output	Contact-based
Switching element function	Toggle switch, single-pin
Max. output current AC	0.18 A
Max. output current DC	0.25 A
Operating voltage range AC	0 V...120 V
DC operating voltage range	0 V...175 V
Microswitch type	Hamlin 59140-030
Electrical connection	Screw terminal
Electrical connection 1, connection type	Terminal strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Spring-loaded terminal
Electrical connection 1, number of pins/wires	10
Closable nominal conductor cross-section	0.25 mm²...2.5 mm²
Cable fitting	M20x1.5
Approved 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	Gray

Feature	Value
Housing material	Die-cast aluminum
Seals material	NBR
Shaft material	high-alloy stainless steel
Material of screws	high-alloy stainless steel
Blanking plug material	PA
Material of mounting bracket	high-alloy stainless steel
Pointer material	PC
Material for cable connector	PA
Circlip material	high-alloy stainless steel
Disc material	high-alloy stainless steel
Cover cap material	PC
Position indicator	Yellow/red
Angle detection setting range	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 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Contamination level	3