Limit switch box
SRBI-C2-N-1-P-C2

Part number: 8140400



Data sheet

Feature	Value
Design	Square
Based on norm	EN 60947-5-2 VDI/VDE 3845
Certification	RCM compliance mark c UL us - recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC characters	KC-EMV
Certificate issuing authority	UL E232949
Note on materials	RoHS compliant
Measuring principle	Inductive
Ambient temperature	-25 °C...70 °C
Switching output	PNP
Switching element function	N.O. contact
Max. switching frequency	1000 Hz
Max. output current DC	200 mA
Voltage drop	2.5 V
Residual current	0 mA...0.5 mA
Short-circuit protection	Pulsed
DC operating voltage range	10 V...30 V
Idle current	22.5 mA
Reverse polarity protection	for all electrical connections
Electrical connection, input	Spring-loaded terminal
Electrical connection, output	Spring-loaded terminal
Cable diameter	1.5 mm...2.5 mm
Closable nominal conductor cross-section	0.2 mm²...2.5 mm²
Cable fitting	M20x1.5
Mounting position	Any
Product weight	98 g
Housing material	PBT

Feature	Value
Material of screws	high-alloy stainless steel
Ready status indication	Green LED
Switching status indication	Yellow LED
Status indicator	LED yellow = pneumatic valve switching status LED green = power supply indicator
Storage temperature	-40 °C...85 °C
Degree of protection	IP67
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
LABS (PWIS) conformity	VDMA24364 Zone III
Contamination level	3