Product No: 101023561

SCHMERSAL SOLENOID INTERLOCK 2 SAFETY CONTACT IP67 101023561

Note: The opening and closing functions depend on the direction of actuation, the actuating magnets and the polarity of the actuating magnets.

General Information	
Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-06-01
eCl@ss Number, Version 9.0	27-27-06-01
ETIM 6.0	EC001487
ETIM 7.0	EC000030
Housing Construction Form	Cylinder thread
No. of Beams	64
Product Type	Solenoid
Protection Class of Operating Resource	3
Recommended Actuator	BNS-B20-B01
Recommended Safety Switchgear	SRB-E 301
Version	LED - Indicator light - Front plate mounting
Working Principle	Magnetic drive

Technical Attributes	
No. of Auxiliary Contacts	1
Switchover Time (ms)	5.5
Actuating Stroke (mm)	4
Actuating Torque (Nm)	0.26

Actuator Type to EN 50047	B
Assured "OFF" Switching Distance (mm)	22 | 32
Assured "ON" Switching Distance (mm)	10 | 20
Bounce Duration	Bounce duration in accordance with actuating speed
Coding Type	Universal coding
Connector Type	Connector plug M12, 4-pole
Contact Material	Silver-nickel alloy 10
Design of Control Element	p-type
Detection Ability for Test Bodies @ V = 1.6 m/s	30 mm
Height of The Protection Field (mm)	170
Integral System Diagnostics Status	Yes
Latching Force (N)	20
Maximum Actuating Speed (m/s)	1
Maximum Bounce Duration (ms)	3
Maximum Cable Cross Section (mm²)	2.5
Maximum Electrical Power Consumption (W)	10
Maximum Fuse Rating	6 A gG D-fuse
Maximum Holding Force (N)	2550
Maximum Leakage Current (mA)	0.5
Maximum No-load Supply Current (mA)	50
Maximum Output Current (A)	0.2
Maximum Permissible Installation Altitude Above Sea Level (m)	2000
Maximum Protection Field (mm)	10000
Maximum Reaction Time (ms)	20
Maximum Switching Current (A)	0.01
Maximum Switching Frequency (Hz)	5
Maximum Switching Voltage AC (V)	250
Minimum Actuating Force (N)	6
Minimum Actuating Speed (mm/min)	4122
Minimum Cable Cross Section (mm²)	0.75

Minimum Positive Break Force (N)	40
Minimum Protection Field (mm)	300
No. of Actuating Directions	2
No. of Cable Wires	4
No. of Normally-open Contacts	1
No. of Safety Contacts	1
Overvoltage Category	3
Positive Break Torque (Nm)	0.185
Positive Break Travel (mm)	5
Rated Control Voltage AC/DC (V)	24
Rated Control Voltage DC (V)	24
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	50 / 11
Slide Form	Castor
Switching Element	Bistable contact
Switching Principle	Slow action
Switchover Time	Switchover time in accordance with actuating speed
Terminal Type	Screw terminals M20 x 1.5
Tolerance	10%
Utilisation Category	DC-13 | AC-15
Utilisation Category AC-15	230 VAC
Utilisation Category DC-13	24 VDC
Voltage Type	DC | AC
Wavelength of The Sensor (nm)	880

Physical Attributes	
Active Area	Plastic
Actuator Material	Stainless steel

Actuator Type	Roller lever
Cable Entry	3 x M20 x 1.5
Colour of The Front Ring	Silver
Design	Round
Direction of Motion	Head-on to the active surface
Enclosure Coating Material	Painted
Enclosure Material	Shatterproof glass
Front Ring Material	ABS, chrome-plated
Gross Weight (g)	300
Handle Colour	Red
Installation Conditions	Quasi-flush
Lead Colour	Colour code DIN47100
Lever Material	Metal film
Material of The Cable Mantle	PVC
Material of The Operators	Aluminium
Maximum Ambient Temperature (°C)	80
Maximum Relative Humidity	95%
Minimum Ambient Temperature (°C)	-25
Minimum Relative Humidity	30%
Mounting Type	Mounting flange ELM
Net Weight (g)	17.321
Recipient Terminal Connector Type	Connector plug M12, 12-pole
Roller Material	Plastic
Sealing Type	Lip gaskets / Membrane
Storage Temperature (°C)	-25 to 70
Unlocking	Rotating unlatcher
Wire Cross-Section	13 AWG

Dimensions	
Cable Length (m)	5
Castor Diameter (mm)	36
Depth (mm)	274

Height (mm)	184
Sensor Height (mm)	99.5
Sensor Length (mm)	30
Spacing (mm)	50 x 50
Width (mm)	750

Protection & Standards	
Degree of Protection	IP67
Explosion Protection Category	3D | 3G
Explosion Protection Zones	22 | 2
Pollution Degree	3
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

Resources	
Product catalogue (Flipbook)	Download from here