

Datasheet

Art.No. R1.310.2150.0

Safety switch SIN 2150 AC/DC 24V

Safety switch with separated actuator and guard locking, magnet-actuated, 1500 N, 2 NC / 2 NO contacts



Art.No.	R1.310.2150.0
EAN	4049088135347
Order unit	1 pieces

Approvals



Technical data

**Electrical data - contact elements**

Protection class	II
Rated insulation voltage Ui	250 V
Rated impulse voltage	2.5 kV
Direct opening action	Yes

**Electrical data - magnets**

Protection class	II
Duty cycle	100% ED (at E1; E2)
Temperature class	F (155°C)
Power consumption	4.4 VA
Switch operations permanent	600 1/h
Operating voltage	24 V

**Mechanical Data**

Housing material	Thermoplastic GV (UL94-V0)
Cover material	Thermoplastic GV (UL94-V0)
Actuating head material	Thermoplastic GV / ZN-GD
Drawing force	> 27 N
Hold on force	1500 N
Min. ambient temperature	-25 °C
Max. ambient temperature	70 °C
Switching principle contact elements	4 slow-action contacts max.
Fastening	4 x M5

Connection type	Tension clamp connection
Max. conductor cross section (flex., stranded)	0.5 mm <sup>2</sup>
Max. conductor cross section (flex., stranded)	1.5 mm <sup>2</sup>
Cable entry	3 x M20x1,5
Weight	0.35 kg
Installation position	operator definable
Degree of protection (IP)	IP67

### Classification

ECLASS 8.1	27270611: Position switch with interlocking
ETIM 6.0	: EC002593
ETIM 5.0	EC002593: Position switch with interlocking
ETIM 4.0	EC002593: Position switch with interlocking

### Accessories / components

Art.No.:	Type:	Description
R1.310.9001.0	Actuator SIN 9001	Actuator
R1.310.9002.0	Actuator SIN 9002	Actuator
R1.310.9003.0	Actuator SIN 9003	Actuator
R1.310.9004.0	Actuator SIN 9004	Actuator
R1.310.9005.0	Actuator SIN 9005	Actuator