

Product No: 101179795

SCHMERSAL NDRZ50SW NDR - EMERGENCY STOP LATCHING PUSHBUTTON 101179795

FEATURES

- Solenoid interlock with power to unlock feature
- Manual release mechanism included
- Two actuating directions for versatile application
- Equipped with two auxiliary contacts and two safety contacts
- Screw terminal connectors for secure wiring
- Normally open (NO) and normally closed (NC) contact configurations available
- Thermal test current rated at 6 A
- Rated control voltage of 24 VAC/DC for compatibility with various systems
- Utilisation category DC-13 rated at 24 VDC, 4 A for reliable operation under load



Note: Evaluation requirements: dual-channel safety input, suitable for p-type sensors with NO function. The safety-monitoring module must tolerate internal functional tests of the sensors with cyclic switch-off of the sensor outputs for max. 0.5 ms. Short-circuit recognition by the evaluation is not necessary.

General Information

Brand	SCHMERSAL
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-01
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Product Type	Emergency Stop
Series	NDR - Emergency stop latching pushbutton
Working Principle	RFID

Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	3

Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	0.25
Minimum Mechanical Life	10000000 Operations
No. of Safety Contacts	1
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	100
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	126
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Net Weight (g)	60

Dimensions

Sensor Height (mm)	35
Sensor Length (mm)	40

Protection & Standards

Degree of Protection	IP67/69K
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)

[Download from here](#)
