

## Product No: 101172009

### SCHMERSAL TESZR1110/S HINGE SAFETY SWITCH 101172009

#### FEATURES

- Hinge safety switch
- Thermoplastic enclosure
- Designed for simple fitting on 40 mm profiles
- Hinge material: Aluminium
- Includes mounting hinge and additional hinge
- Safety contacts: 2 NC (Normally Closed)
- Screw connection terminal connector
- Switching element: Opener (NC)

*Note: This type termination (IDC) method enables simple connection of flexible conductors without the need for the use of conductor ferrules*

#### General Information

|                             |   |
|-----------------------------|---|
| Brand                       | SCHMERSAL   |
| Cable Note                  | All indications including the conductor ferrules. |
| EAN                         | 4030660000000                                     |
| eCl@ss Number, Version 11.0 | 27-27-06-01                                       |
| eCl@ss Number, Version 9.0  | 27-27-26-01                                       |
| ETIM 6.0                    | EC002549  |
| ETIM 7.0                    | EC000030  |
| Housing Construction Form   | Block   |
| Product Type                | Safety Switch                                     |
| Series                      | TESZ  |
| Working Principle           | Inductive   |

#### Technical Attributes

|  |                 |
|--|-----------------|
| Contact Material                               | Silver          |
| Maximum Actuating Speed (m/s)                  | 1               |
| Maximum Cable Cross Section (mm <sup>2</sup> ) | 2.5             |
| Maximum Fuse Rating                            | 6 A (slow blow) |
| Minimum Cable Cross Section (mm <sup>2</sup> ) | 1 x 0.5         |

|                                      |  |
|--------------------------------------|--|
| No. of Safety Contacts               | 1                                      |
| Rated Impulse Withstand Voltage (kV) | 6                                      |
| Rated Insulation Voltage (V)         | 500                                    |
| Rated Short-circuit Current (A)      | 1000                                   |
| Switching Element                    | Normally open contact (NO)             |
| Switching Principle                  | slow action, positive break NC contact |
| Terminal Type                        | Screw terminals M20 x 1.5              |
| Utilisation Category                 | DC-13   AC-15                          |

### Physical Attributes

|                                  |              |
|----------------------------------|--------------|
| Actuator Type                    | Plunger S300 |
| Enclosure Material               | Aluminium    |
| Gross Weight (g)                 | 75           |
| Maximum Ambient Temperature (°C) | 50           |
| Maximum Temperature (°C)         | 65           |
| Minimum Ambient Temperature (°C) | -30          |
| Minimum Temperature (°C)         | -25          |
| Net Weight (g)                   | 140          |

### Dimensions

|                    |      |
|--------------------|------|
| Sensor Height (mm) | 75.5 |
| Sensor Length (mm) | 42.5 |

### Protection & Standards

|                      |                                 |
|----------------------|---------------------------------|
| Degree of Protection | IP65                            |
| Standards            | EN IEC 61496-1 / EN IEC 61496-2 |

### Resources

|                              |                                    |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|