

## Product No: 101157381

### SCHMERSAL SAFETY SWITCH 2 SAFETY CONTACTS 101157381

*Note: minimum actuating radius on rotating guard systems via the narrow edge of the actuator 140 mm | minimum actuating radius on hinged guards in line with the plane of the actuator 200 mm | The axis of the hinge must be 13 mm above and in a parallel plane to the top surface of the safety switch. | The actuator is not available separately.*



#### 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            | 27-27-26-01                                       |
| eCl@ss Number, Version 9.0             | 27-44-01-02                                       |
| ETIM 6.0                               | EC000030  |
| ETIM 7.0                               | EC001855  |
| Housing Construction Form              | Norm construction design                          |
| Product Type                           | Safety Switch                                     |
| Working Principle                      | Electromechanical                                 |

#### Technical Attributes

|  |                    |
|--|--------------------|
| No. of Auxiliary Contacts                      | 1                  |
| Contact Material                               | Silver             |
| Maximum Actuating Speed (m/s)                  | 2                  |
| Maximum Cable Cross Section (mm <sup>2</sup> ) | 2 x 2.5            |
| Maximum Fuse Rating                            | 6 A gG D-fuse      |
| Minimum Cable Cross Section (mm <sup>2</sup> ) | 0.34               |
| Minimum Mechanical Life                        | 1000000 Operations |
| Minimum Positive Break Force (N)               | 30                 |
| No. of Safety Contacts                         | 2                  |

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Overvoltage Category                 | 3                                     |
| Rated Impulse Withstand Voltage (kV) | 4                                     |
| Rated Insulation Voltage (V)         | 500                                   |
| Rated Short-circuit Current (A)      | 1000                                  |
| Switching Element                    | NO contact, NC contact                |
| Switching Principle                  | Slow action with overlapping contacts |
| Terminal Type                        | Screw terminals M20 x 1.5             |
| Thermal Test Current (A)             | 0.25                                  |
| Utilisation Category                 | DC-13   AC-15                         |
| Utilisation Category DC-13           | 0.25 A                                |

### Physical Attributes

|                                  |                |
|----------------------------------|----------------|
| Actuator Type                    | Roller plunger |
| Enclosure Material               | Cast iron      |
| Gross Weight (g)                 | 450            |
| Maximum Ambient Temperature (°C) | 70             |
| Minimum Ambient Temperature (°C) | -30            |
| Net Weight (g)                   | 170            |
| Storage Temperature (°C)         | -40 to 85      |
| Wire Cross-Section               | 13 AWG         |

### Dimensions

|                    |     |
|--------------------|-----|
| Sensor Height (mm) | 181 |
| Sensor Length (mm) | 33  |

### Protection & Standards

|                      |                                 |
|----------------------|---------------------------------|
| Degree of Protection | IP67                            |
| Standards            | EN IEC 61496-1 / EN IEC 61496-2 |

### Resources

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