

**Main**

|   |  |
|---|--|
| Range                                       | TeSys  |
| Product name                                | TeSys GS   |
| Device short name                           | GS2L   |
| Product or component type                   | Switch-disconnector-fuse   |
| Poles description                           | 3P   |
| Protected poles description                 | 3t   |
| Contacts type and composition               | 3 NO   |
| [Ith] conventional free air thermal current | 160 A at 40 °C   |
| [Ie] rated operational current              | 125 A at 440 V 2 poles in series per phase on DC-23A<br>125 A at 440 V 2 poles in series per phase on DC-23B<br>160 A at 400 V on AC-23A<br>160 A at 400 V on AC-23B<br>160 A at 500 V on AC-23A<br>160 A at 500 V on AC-23B<br>125 A at 690 V on AC-23A<br>125 A at 690 V on AC-23B |
| Fuse type                                   | BS   |
| Fuse size                                   | B1<br>B2   |
| Network type                                | AC<br>DC   |
| Network frequency                           | 50/60 Hz   |

**Complementary**

|   |  |
|---|--|
| Type of operating handle                  | External frontal<br>External right side  |
| Mounting support                          | Plate  |
| [Ui] rated insulation voltage             | 750 V AC 50/60 Hz  |
| [Uimp] rated impulse withstand voltage    | 8 kV   |
| Rated operational power in W              | 110 kW at 500 V<br>110 kW at 690 V<br>80 kW at 400 V   |
| Making capacity                           | 1600 A at 400 V on AC-23B  |
| [Icm] rated short-circuit making capacity | 80 kA at 400 V with protection by gG fuses   |
| Breaking capacity                         | 1280 A at 400 V on AC-23B  |
| Short-circuit withstand                   | 20 kA  |
| Mechanical durability                     | 10000 cycles   |
| Electrical durability                     | On DC-23A<br>On DC-23B<br>On AC-23A<br>On AC-23B   |
| Connections - terminals                   | Power circuit : bars cable 20 mm <sup>2</sup><br>Power circuit : lugs-ring terminals cable 50...95 mm <sup>2</sup> |
| Tightening torque                         | Power circuit : 12 N.m   |

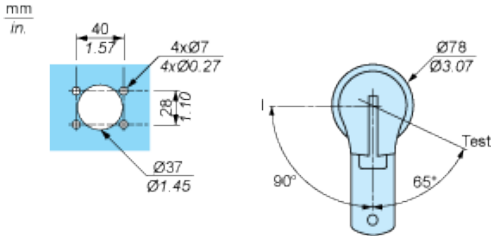
**Environment**

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60947-3                                      |
| Product certifications                | CE   |
| IP degree of protection               | IP20 with terminal cover conforming to IEC 60529 |
| Ambient air temperature for operation | -20...70 °C                                      |
| Ambient air temperature for storage   | -40...80 °C                                      |
| Fire resistance                       | 960 °C body conforming to IEC 60695-2-1          |

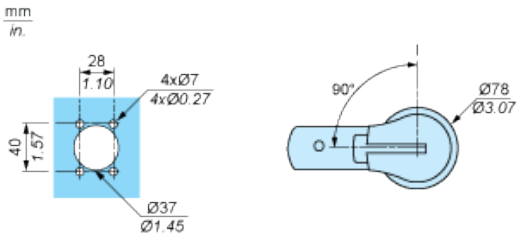
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|                |          |
|----------------|----------|
| Height         | 190 mm   |
| Width          | 162 mm   |
| Depth          | 136.5 mm |
| Product weight | 1.8 kg   |

**Door Cut-out - For External Front-mounted Operator**



**Door Cut-out - For External RH Side-mounted Operator**



**3-pole GS**

