



### Main

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|--|--|
| Range  | TeSys  |
| Product name   | TeSys GS   |
| Device short name  | GS2L   |
| Product or component type                                | Switch-disconnector-fuse   |
| Poles description  | 4P   |
| Protected poles description                              | 4t   |
| Contacts type and composition                            | 4 NO   |
| [I <sub>th</sub> ] conventional free air thermal current | 160 A (at 40 °C)   |
| [I <sub>e</sub> ] rated operational current              | 125 A at 440 V 2 poles in series per phase DC-23A<br>125 A at 440 V 2 poles in series per phase DC-23B<br>125 A at 690 V AC-23A<br>125 A at 690 V AC-23B<br>160 A at 400 V AC-23A<br>160 A at 400 V AC-23B<br>160 A at 500 V AC-23A<br>160 A at 500 V AC-23B |
| Fuse type  | DIN  |
| Fuse size  | 0  |
| Network type   | AC<br>DC   |
| Network frequency  | 50/60 Hz   |

### Complementary

|  |  |
|--|--|
| Type of operating handle                               | External left side                                   |
| Mounting support                                       | Plate  |
| [U <sub>i</sub> ] rated insulation voltage             | 750 V AC 50/60 Hz                                    |
| [U <sub>imp</sub> ] rated impulse withstand voltage    | 8 kV   |
| Rated operational power in W                           | 80 kW at 400 V<br>110 kW at 500 V<br>110 kW at 690 V |
| Making capacity  | 1600 A at 400 V AC-23B                               |
| [I <sub>cm</sub> ] rated short-circuit making capacity | 80 kA at 400 V with protection by gG fuses           |
| Breaking capacity                                      | 1280 A at 400 V (AC-23B)                             |

|                         |  |
|-------------------------|--|
| Short-circuit withstand | 20 kA  |
| Mechanical durability   | 10000 cycles   |
| Electrical durability   | 1000 cycles AC-23A<br>1000 cycles AC-23B<br>200 cycles DC-23A<br>200 cycles DC-23B                   |
| Connections - terminals | Power circuit: bars 20 mm <sup>2</sup><br>Power circuit: lugs-ring terminals 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 conforming to IEC 60529 (with terminal cover)                                       |
| Ambient air temperature for operation | -20...70 °C  |
| Ambient air temperature for storage   | -40...80 °C  |
| Fire resistance                       | 850 °C fuse cover conforming to IEC 60695-2-1<br>960 °C body conforming to IEC 60695-2-1 |
| Height                                | 162 mm   |
| Width                                 | 240 mm   |
| Depth                                 | 136.5 mm   |
| Net weight                            | 2.3 kg   |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| REACH free of SVHC         | Yes  |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes  |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>                              |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>           |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
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