



Main

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| Range | TeSys |
| Product name | TeSys GS |
| Device short name | GS1G |
| Product or component type | Switch-disconnector-fuse |
| Device application | Protection |
| Poles description | 3P |
| Protected poles description | 3t |
| Contacts type and composition | 3 NO |
| [I _{th}] conventional free air thermal current | 63 A (at 40 °C) |
| [I _e] rated operational current | 40 A at 440 V 2 poles in series per phase DC-23A 40 A at 440 V 2 poles in series per phase DC-23B 63 A at 400 V AC-23A 63 A at 400 V AC-23B 63 A at 500 V AC-23A 63 A at 500 V AC-23B 63 A at 690 V AC-23A 63 A at 690 V AC-23B |
| Fuse type | DIN |
| Fuse size | 000 |
| Network type | AC DC |
| Network frequency | 50/60 Hz |

Complementary

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| Type of operating handle | Direct right side |
| Mounting support | Plate |
| [U _i] rated insulation voltage | 750 V AC 50/60 Hz |
| [U _{imp}] rated impulse withstand voltage | 8 kV |
| Rated operational power in W | 33 kW at 400 V 45 kW at 500 V 55 kW at 690 V |
| Making capacity | 630 A at 400 V AC-23B |
| [I _{cm}] rated short-circuit making capacity | 100 kA at 400 V with protection by gG fuses |
| Breaking capacity | 500 A at 400 V (AC-23B) |
| Short-circuit withstand | 10.6 kA |
| Mechanical durability | 10000 cycles |
| Electrical durability | 1500 Cycles AC-23A 1500 Cycles AC-23B 300 Cycles DC-23A 300 cycles DC-23B |
| Connections - terminals | Power circuit: lugs-ring terminals 10...25 mm ² flexible |
| Tightening torque | Power circuit: 3.2 N.m - on lugs-ring terminals |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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| Standards | IEC 60947-3 |
| Product certifications | CE |
| Protective treatment | TH |
| 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 60695-2-1 960 °C body conforming to IEC 60695-2-1 |
| Height | 118 mm |
| Width | 133 mm |
| Depth | 116.5 mm |
| Net weight | 1 kg |

Offer Sustainability

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|----------------------------|---|
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |

Contractual warranty

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| Warranty | 18 months |
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