



Main

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| Range | TeSys |
| Product name | TeSys GS |
| Device short name | GS2F |
| Product or component type | Switch-disconnector-fuse |
| Poles description | 3P |
| Protected poles description | 3t |
| Contacts type and composition | 3 NO |
| [I _{th}] conventional free air thermal current | 50 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 50 A at 400 V AC-23A 50 A at 400 V AC-23B 50 A at 500 V AC-23A 50 A at 500 V AC-23B 50 A at 690 V AC-23A 50 A at 690 V AC-23B |
| Fuse type | NFC |
| Fuse size | 14 x 51 mm |
| Network type | AC DC |
| Network frequency | 50/60 Hz |

Complementary

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| Type of operating handle | External frontal External 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 | 25 kW at 400 V 45 kW at 690 V 33 kW at 500 V |
| Making capacity | 500 A at 400 V AC-23B |
| [I _{cm}] rated short-circuit making capacity | 100 kA at 400 V with protection by gG fuses |

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| Breaking capacity | 400 A at 400 V (AC-23B) |
| Short-circuit withstand | 10.6 kA |
| Mechanical durability | 10000 cycles |
| Electrical durability | 1500 cycles AC-23A 1500 cycles DC-23A 300 cycles AC-23B 300 cycles DC-23B |
| Connections - terminals | Power circuit: lugs-ring terminals6...25 mm ² |
| Tightening torque | Power circuit: 3.2 N.m |

Environment

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| 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 60695-2-1 960 °C body conforming to IEC 60695-2-1 |
| Height | 118 mm |
| Width | 121 mm |
| Depth | 87 mm |
| Net weight | 0.8 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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