

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 1250A - DIN 4

Local distributor code:

393398212

GS2VG3

⚠ Discontinued on: 9 Feb 2023

EAN Code: 3389119410984

⚠ Discontinued

Main

| | |
|---|--|
| Range | TeSys |
| Product Name | TeSys GS |
| Device Short Name | GS2V |
| 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 | 1250 A (at 40 °C) |
| [Ie] Rated Operational Current | 1000 A at 440 V 2 poles in series per phase DC-23A 1000 A at 440 V 2 poles in series per phase DC-23B 630 A at 690 V AC-23A 630 A at 690 V AC-23B 1000 A at 440 V AC-23A 1000 A at 440 V AC-23B 800 A at 500 V AC-23A 800 A at 500 V AC-23B |
| Fuse Type | DIN |
| Fuse Size | 4 |
| Network Type | AC DC |
| Network Frequency | 50/60 Hz |

Complementary

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|--|--|
| Type Of Operating Handle | External left side |
| Mounting Support | Plate |
| [Ui] Rated Insulation Voltage | 1000 V AC 50/60 Hz |
| [Uimp] Rated Impulse Withstand Voltage | 12 kV |
| Rated Operational Power In W | 400 kW at 690 V 475 kW at 690 V 560 kW at 400 V 560 kW at 500 V |
| Breaking Capacity | 110 W |
| Making Capacity | 10000 A at 400 V AC-23B |
| Breaking Capacity | 8000 A at 400 V (AC-23B) |
| Short-Circuit Withstand | 90 kA |

Disclaimer: 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

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|---|--|
| Mechanical Durability | 5000 cycles |
| Electrical Durability | 100 cycles DC-23A 100 cycles DC-23B 500 cycles AC-23A 500 cycles AC-23B |
| Connections - Terminals | Power circuit: bars80 mm² Power circuit: lugs-ring terminals 4 cable(s) 185 mm² |
| [Icm] Rated Short-Circuit Making Capacity | 80 kA at 400 V with protection by gG fuses |
| Tightening Torque | Power circuit: 44 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 | 355 mm |
| Width | 442 mm |
| Depth | 289 mm |
| Net Weight | 25 kg |

Packing Units

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|------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 53.0 cm |
| Package 1 Width | 60.0 cm |
| Package 1 Length | 80.0 cm |
| Package 1 Weight | 25.0 kg |

Contractual warranty

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

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

| | | |
|-----------------------|----------------------------|--|
| ✓ | Reach Free Of Svhc | |
| ✓ | Toxic Heavy Metal Free | |
| ✓ | Mercury Free | |
| ✓ | Rohs Exemption Information | Yes |
| Reach Regulation | | REACH Declaration |
| Eu Rohs Directive | | Compliant EU RoHS Declaration |
| China Rohs Regulation | | China RoHS declaration |