# Product datasheet

Specifications

## TeSys GS - switch-disconnector fuse - 3 P - 160 A - DIN 0

GS1LD3

## Main

| | |
|---|---|
| **Range** | TeSys |
| **Product Name** | TeSys GS |
| **Device Short Name** | GS1 L |
| **Product Or Component Type** | Switch-disconnector-fuse |
| **Device Application** | Protection |
| **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 DC-23A<br>125 A at 440 V 2 poles in series per phase DC-23B<br>125 A at 690 V with terminal cover AC-23A<br>125 A at 690 V with terminal cover 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** | Direct 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** | 90 kW at 400 V<br>110 kW at 500 V<br>110 kW at 690 V |
| **Breaking Capacity** | 15 W |
| **Making Capacity** | 1600 A at 400 V AC-23B |
| **Breaking Capacity** | 1280 A at 400 V (AC-23B) |
| **Short-Circuit Withstand** | 20 kA |
| **Mechanical Durability** | 10000 cycles |

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

| | |
|---|---|
| **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<br>Power circuit: lugs-ring terminals50…95 mm² flexible |
| **[Icm] Rated Short-Circuit Making Capacity** | 100 kA at 400 V with protection by gG fuses |
| **Tightening Torque** | Power circuit: 12 N.m - on bars<br>Power circuit: 12 N.m - on lugs-ring terminals |

## Environment

| | |
|---|---|
| **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<br>960 °C body conforming to IEC 60695-2-1 |
| **Height** | 162 mm |
| **Width** | 192 mm |
| **Depth** | 136.5 mm |
| **Net Weight** | 1.8 kg |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 16.4 cm |
| **Package 1 Width** | 17 cm |
| **Package 1 Length** | 26.4 cm |
| **Package 1 Weight** | 2.205 kg |
| **Unit Type Of Package 2** | S06 |
| **Number Of Units In Package 2** | 24 |
| **Package 2 Height** | 75 cm |
| **Package 2 Width** | 60 cm |
| **Package 2 Length** | 80 cm |
| **Package 2 Weight** | 62.944 kg |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**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 >

Transparency

RoHS/REACh

## Well-being performance

| | |
|---|---|
| Reach Free Of Svhc | |
| Toxic Heavy Metal Free | |
| Mercury Free | |
| Rohs Exemption Information | Yes |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | End of Life Information |