# Product datasheet

Specifications



Discontinued

## switch-disconnector fuse body GS1 3 poles - BS - 63 A

GS1GB3

**EAN Code: 3389110561470**

## Main

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|---|---|
| **Range of product** | TeSys GS |
| **Device short name** | GS1G |
| **Fuse type** | BS |
| **Fuse size** | A3<br>A2 |
| **Product or component type** | Fuse switch disconnector body |
| **Poles description** | 3P |
| **Network type** | DC<br>AC |
| **Type of operating handle** | External frontal<br>External right side |
| **[Ith] conventional free air thermal current** | 63 A (at 40 °C) |

## Complementary

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|---|---|
| **Network frequency** | 50/60 Hz |
| **Mounting support** | Rail<br>Plate |
| **[Ui] rated insulation voltage** | 750 V AC 50/60 Hz |
| **[Uimp] rated impulse withstand voltage** | 8 kV |
| **Short-circuit withstand** | 80 kA |
| **[Ie] rated operational current** | 40 A at 440 V 2 poles in series per phase DC-23A<br>40 A at 440 V 2 poles in series per phase DC-23B<br>63 A at 400 V AC-23A<br>63 A at 400 V AC-23B<br>63 A at 500 V AC-23A<br>63 A at 500 V AC-23B<br>63 A at 690 V AC-23A<br>63 A at 690 V AC-23B |
| **Rated operational power in W** | 30 kW at 400 V (AC-23A)<br>30 kW at 400 V (AC-23B)<br>40 kW at 500 V (AC-23A)<br>40 kW at 500 V (AC-23B)<br>55 kW at 690 V (AC-23A)<br>55 kW at 690 V (AC-23B) |
| **Making capacity** | 630 A at 400 V AC-23B |
| **[Icm] rated short-circuit making capacity** | 100 kA at 400 V with protection by BS fuses<br>63 kA rating of associated fuses |
| **Breaking capacity** | 500 A at 400 V (AC-23B) |

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** | 10000 cycles |
| **Electrical durability** | 1500 cycles AC-23A<br>1500 cycles AC-23B<br>300 cycles DC-23A<br>300 cycles DC-23B |
| **Connections - terminals** | Power circuit: screw terminals10…25 mm² flexible |
| **Tightening torque** | Control circuit: 3.2 N.m - on screw terminals |
| **Height** | 120.5 mm |
| **Width** | 129 mm |
| **Depth** | 92.5 mm |
| **Product weight** | 1 kg |

## Environment

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|---|---|
| **Standards** | IEC 60269-1<br>IEC 60269-2<br>IEC 60947-3 |
| **Product certifications** | LROS (Lloyds register of shipping)<br>ASEFA<br>LOVAG |
| **Protective treatment** | TH |
| **IP degree of protection** | IP20 conforming to IEC 60529 (with terminal cover) |
| **Ambient air temperature for operation** | -20…70 °C |
| **Fire resistance** | 960 °C body conforming to IEC 60695-2-1<br>850 °C fuse cover conforming to IEC 60695-2-1 |

## Contractual warranty

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