# Product datasheet

Specifications



## switch-disconnector fuse body GS1 - TeSys GS - 4 poles - NFC - 125 A

GS1K4

Discontinued on: 5 Aug 2021

Discontinued

## Main

| | |
|---|---|
| **Device short name** | GS1 K |
| **Fuse type** | NFC |
| **Fuse size** | 22 x 58 mm |
| **Product or component type** | Fuse switch disconnector body |
| **Poles description** | 4P |
| **Network type** | DC<br>AC |
| **Type of operating handle** | External right side<br>External frontal |
| **[Ith] conventional free air thermal current** | 125 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 |
| **[Ie] rated operational current** | 100 A at 440 V 2 poles in series per phase DC-23A<br>100 A at 440 V 2 poles in series per phase DC-23B<br>100 A at 690 V with terminal cover AC-23A<br>100 A at 690 V with terminal cover AC-23B<br>125 A at 400 V AC-23A<br>125 A at 400 V AC-23B<br>125 A at 500 V AC-23A<br>125 A at 500 V AC-23B |
| **Rated operational power in W** | at 690 V (AC-23A)<br>at 690 V (AC-23B)<br>at 400 V (AC-23A)<br>at 400 V (AC-23B)<br>at 500 V (AC-23A)<br>at 500 V (AC-23B) |
| **Making capacity** | 1250 A at 400 V AC-23B |
| **[Icm] rated short-circuit making capacity** | 100 kA at 400 V with protection by gG (gI) fuses<br>125 kA rating of associated fuses |
| **Breaking capacity** | 1000 A at 400 V (AC-23B) |
| **Mechanical durability** | 10000 cycles |
| **Electrical durability** | 1000 cycles AC-23A<br>1000 cycles AC-23B |

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|---|---|
| **Connections - terminals** | Power circuit: bars<br>Power circuit: screw terminals35…95 mm² flexible |
| **Tightening torque** | Power circuit: 12 N.m - on bars<br>Power circuit: 12 N.m - on screw terminals |
| **Net weight** | 2 kg |

## Environment

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

## Contractual warranty

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|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Use Longer

#### Lifetime extension

| | |
|---|---|
| Repair | No |

### Use Again

#### Repack and remanufacture

| | |
|---|---|
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |