# Product data sheet
## Characteristics

# GS2SG4
Switch disconnector fuse, TeSys GS, 4P, 630A, fuse type DIN, size 3



## Main

| | |
|---|---|
| Range | TeSys |
| Product name | TeSys GS |
| Device short name | GS2S |
| Product or component type | Switch-disconnector-fuse |
| Poles description | 4P |
| Protected poles description | 4t |
| Contacts type and composition | 4 NO |
| [Ith] conventional free air thermal current | 630 A (at 40 °C) |
| [Ie] rated operational current | 400 A at 440 V 2 poles in series per phase DC-23A<br>630 A at 440 V 2 poles in series per phase DC-23B<br>315 A at 690 V AC-23A<br>400 A at 690 V AC-23B<br>500 A at 500 V AC-23A<br>500 A at 500 V AC-23B<br>630 A at 400 V AC-23A<br>630 A at 400 V AC-23B |
| Fuse type | DIN |
| Fuse size | 3 |
| Network type | AC<br>DC |
| Network frequency | 50/60 Hz |

## Complementary

| | |
|---|---|
| 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 | 295 KW at 690 V<br>355 KW at 400 V<br>355 KW at 500 V<br>400 KW at 690 V |
| Breaking capacity | 60 W |
| Making capacity | 6300 A at 400 V AC-23B |
| Breaking capacity | 5040 A at 400 V (AC-23B) |
| Short-circuit withstand | 70 KA |
| Mechanical durability | 8000 Cycles |
| 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 63 mm²<br>Power circuit: lugs-ring terminals 2 cable(s) 150 mm²<br>Power circuit: lugs-ring terminals 2 cable(s) 300 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

| | |
|---|---|
| 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<br>960 °C body conforming to IEC 60695-2-1 |
| Height | 300 Mm |
| Width | 458 Mm |
| Depth | 250 Mm |
| Net weight | 20 Kg |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 44.7 Cm |
| Package 1 Width | 41.7 Cm |
| Package 1 Length | 52.9 Cm |
| Package 1 Weight | 20.0 Kg |

## Offer Sustainability

| | |
|---|---|
| REACh free of SVHC | Yes |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | No |
| Environmental Disclosure | Product Environmental Profile |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Styrene, which is known to the St |
| End of life manual availability | End Of Life Information |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection and |

## Contractual warranty

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

Product Life Status : Commercialised