



### Main

|  |  |
|--|--|
| Range  | TeSys  |
| Product name   | TeSys GS   |
| Device short name  | GS2J   |
| Product or component type                                | Switch-disconnector-fuse   |
| Poles description  | 3P   |
| Protected poles description                              | 3t   |
| Contacts type and composition                            | 3 NO   |
| [I <sub>th</sub> ] conventional free air thermal current | 100 A (at 40 °C)   |
| [I <sub>e</sub> ] 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 poles not juxtaposed AC-23A<br>100 A at 690 V poles not juxtaposed AC-23B<br>100 A at 400 V AC-23A<br>100 A at 400 V AC-23B<br>100 A at 500 V AC-23A<br>100 A at 500 V AC-23B |
| Fuse type  | NFC  |
| Fuse size  | 22 x 58 mm   |
| Network type   | AC<br>DC   |
| Network frequency  | 50/60 Hz   |

### Complementary

|  |  |
|--|--|
| Type of operating handle                               | External frontal<br>External right side            |
| Mounting support                                       | Plate  |
| [U <sub>i</sub> ] rated insulation voltage             | 750 V AC 50/60 Hz                                  |
| [U <sub>imp</sub> ] rated impulse withstand voltage    | 8 KV   |
| Rated operational power in W                           | 51 KW at 400 V<br>63 KW at 500 V<br>90 KW at 690 V |
| Making capacity  | 1000 A at 400 V AC-23B                             |
| [I <sub>cm</sub> ] rated short-circuit making capacity | 80 KA at 400 V with protection by gG fuses         |
| Breaking capacity                                      | 800 A at 400 V (AC-23B)                            |
| Short-circuit withstand                                | 20 KA  |
| Mechanical durability                                  | 10000 Cycles                                       |

|                         |  |
|-------------------------|--|
| Electrical durability   | 1500 Cycles AC-23A<br>1500 Cycles AC-23B<br>300 Cycles AC-23A<br>300 Cycles AC-23B                 |
| Connections - terminals | Power circuit: bars20 mm <sup>2</sup><br>Power circuit: lugs-ring terminals25...95 mm <sup>2</sup> |
| Tightening torque       | Power circuit: 12 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                                | 162 Mm   |
| Width                                 | 148 Mm   |
| Depth                                 | 116 Mm   |
| Net weight                            | 1.5 Kg   |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Weight             | 1.86 Kg  |
| Package 1 Height             | 15.2 Cm  |
| Package 1 width              | 21.2 Cm  |
| Package 1 Length             | 16.8 Cm  |
| Unit Type of Package 2       | P06      |
| Number of Units in Package 2 | 27       |
| Package 2 Weight             | 63.22 Kg |
| Package 2 Height             | 73.5 Cm  |
| Package 2 width              | 60 Cm    |
| Package 2 Length             | 80 Cm    |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product                         |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>                           |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | <a href="#">End Of Life Information</a>       |

## Contractual warranty

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

Product Life Status : **Commercialised**