

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 100A - NFC 22 x 58 mm

Local distributor code:

393397624

GS2J3

EAN Code: 3389119410687

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 _{th}] conventional free air thermal current	100 A (at 40 °C)
[I _e] rated operational current	100 A at 440 V 2 poles in series per phase DC-23A 100 A at 440 V 2 poles in series per phase DC-23B 100 A at 690 V poles not juxtaposed AC-23A 100 A at 690 V poles not juxtaposed AC-23B 100 A at 400 V AC-23A 100 A at 400 V AC-23B 100 A at 500 V AC-23A 100 A at 500 V AC-23B
Fuse type	NFC
Fuse size	22 x 58 mm
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal External right side
Mounting support	Plate
[U _i] rated insulation voltage	750 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	8 kV
Rated operational power in W	51 kW at 400 V 63 kW at 500 V 90 kW at 690 V
Making capacity	1000 A at 400 V AC-23B
Breaking capacity	800 A at 400 V (AC-23B)
Short-circuit withstand	20 kA
Mechanical durability	10000 cycles

Electrical durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles AC-23A 300 cycles AC-23B
Connections - terminals	Power circuit: bars20 mm ² Power circuit: lugs-ring terminals25...95 mm ²
[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
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 60695-2-1 960 °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 Height	16.000 cm
Package 1 Width	21.500 cm
Package 1 Length	17.500 cm
Package 1 Weight	1.861 kg
Unit Type of Package 2	S06
Number of Units in Package 2	27
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	62.383 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty	18 months
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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 >](#)

Environmental footprint

Total lifecycle Carbon footprint **314**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant**

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

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 never end up in rubbish bins**

Technical Illustration

Assembly's dimensions

