

Product datasheet

Specifications



TeSys GS - switch-disconnector fuse - 4 P - 100 A - NFC 22 x 58 mm

GS1JD4

⚠ Discontinued on: Aug 27, 2020

⚠ End-of-service on: Dec 30, 2024

⚠ Discontinued

Main

Range	TeSys
product name	TeSys GS
Device short name	GS1 J
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	4P
Protected poles description	4t
Contacts type and composition	4 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 with terminal cover AC-23A 100 A at 690 V with terminal cover 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	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	Direct 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	55 kW at 400 V 75 kW at 500 V 90 kW at 690 V
Breaking capacity	9 W
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 DC-23A 300 cycles DC-23B
Connections - terminals	Power circuit: bars Power circuit: lugs-ring terminals 25...95 mm ² flexible
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 12 N.m - on bars Power circuit: 12 N.m - on lugs-ring terminals

Environment

Standards	IEC 60947-3
Product certifications	CE
Protective treatment	TH
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	186 mm
Depth	116 mm
Net weight	2 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.0 cm
Package 1 Width	22.0 cm
Package 1 Length	25.5 cm
Package 1 Weight	2.165 kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	34.65 kg

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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Packaging

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

[Circularity Profile](#)

[End of Life Information](#)

Take-back

No