

Product datasheet

Specifications



TeSys GS - switch-disconnector-fuse - 3 P - 250A - DIN 1

Local distributor code:

393397925

GS2N3

EAN Code: 3389119410731

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2N
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[Ith] conventional free air thermal current	250 A (at 40 °C)
[Ie] rated operational current	200 A at 440 V 2 poles in series per phase DC-23A 200 A at 440 V 2 poles in series per phase DC-23B 250 A at 400 V AC-23A 250 A at 400 V AC-23B 250 A at 500 V AC-23A 250 A at 500 V AC-23B 250 A at 690 V AC-23A 250 A at 690 V AC-23B
Fuse type	DIN
Fuse size	1
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External right side External frontal
Mounting support	Plate
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
Rated operational power in W	132 kW at 400 V 160 kW at 500 V 220 kW at 690 V
Making capacity	2500 A at 400 V AC-23B
Breaking capacity	2000 A at 400 V (AC-23B)
Short-circuit withstand	32.5 kA
Mechanical durability	10000 cycles

Electrical durability	1000 cycles AC-23A 1000 cycles AC-23B 200 cycles DC-23A 200 cycles DC-23B
Connections - terminals	Power circuit: bars32 mm ² Power circuit: lugs-ring terminals95...240 mm ²
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Tightening torque	Power circuit: 25 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	195 mm
Width	234 mm
Depth	146 mm
Net weight	3.2 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.000 cm
Package 1 Width	21.500 cm
Package 1 Length	34.500 cm
Package 1 Weight	3.525 kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	48.660 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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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	829 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	15 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	811 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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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

