

Product data sheet

Specifications



TeSys GS - switch-disconnector-fuse - 4 P - 1250A - DIN 4

GS2V4

Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2V
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	1250 A (at 40 °C)
[Ie] rated operational current	1000 A at 440 V 2 poles in series per phase DC-23A 1000 A at 440 V 2 poles in series per phase DC-23B 630 A at 690 V AC-23A 630 A at 690 V AC-23B 1000 A at 440 V AC-23A 1000 A at 440 V AC-23B 800 A at 500 V AC-23A 800 A at 500 V AC-23B
Fuse type	DIN
Fuse size	4
Network type	DC AC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External frontal Direct frontal External right 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	400 kW at 690 V 475 kW at 690 V 560 kW at 400 V 560 kW at 500 V
Breaking capacity	110 W
Making capacity	10000 A at 400 V AC-23B

Breaking capacity	8000 A at 400 V (AC-23B)
Short-circuit withstand	90 kA
Mechanical durability	5000 cycles
Electrical durability	100 cycles DC-23A 100 cycles DC-23B 500 cycles AC-23A 500 cycles AC-23B
Connections - terminals	Power circuit: bars80 mm² Power circuit: lugs-ring terminals 4 cable(s) 185 mm²
[Icm] rated short-circuit making capacity	100 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 60695-2-1 960 °C body conforming to IEC 60695-2-1
Height	355 mm
Width	562 mm
Depth	289 mm
Net weight	30 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	53.000 cm
Package 1 Width	80.000 cm
Package 1 Length	60.000 cm
Package 1 Weight	47.500 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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Recommended replacement(s)