



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	BS
Fuse size	D1
Network type	AC DC
Network frequency	50/60 Hz

Complementary

Type of operating handle	External right side External frontal Direct frontal
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
Making capacity	10000 A at 400 V AC-23B

[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
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: bars 80 mm ² Power circuit: lugs-ring terminals 4 cable(s) 185 mm ²
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
Product weight	30 kg

Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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