



### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2V
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[I <sub>th</sub> ] conventional free air thermal current	1250 A (at 40 °C)
[I <sub>e</sub> ] 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	AC DC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	Direct frontal External right side External frontal
Mounting support	Plate
[U <sub>i</sub> ] rated insulation voltage	1000 V AC 50/60 Hz
[U <sub>imp</sub> ] 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	100 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 <sup>2</sup> Power circuit: lugs-ring terminals 4 cable(s) 185 mm <sup>2</sup>
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	442 mm
Depth	289 mm
Net weight	25 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
----------	-----------