



### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2N
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	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	BS
Fuse size	B2 B1 B3
Network type	AC DC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	External frontal External right side
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

[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
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: bars 32 mm <sup>2</sup> Power circuit: lugs-ring terminals 95...240 mm <sup>2</sup>
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	294 mm
Depth	146 mm
Net weight	4.5 kg

## Offer Sustainability

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>

## Contractual warranty

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