



### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 DD
Product or component type	Switch-disconnector-fuse
Device application	Protection
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[Ith] conventional free air thermal current	32 A at 40 °C
[Ie] rated operational current	20 A at 440 V 2 poles in series per phase on DC-23A 20 A at 440 V 2 poles in series per phase on DC-23B 32 A at 400 V on AC-23A 32 A at 400 V on AC-23B 32 A at 500 V on AC-23A 32 A at 500 V on AC-23B 32 A at 690 V on AC-23A 32 A at 690 V on AC-23B
Fuse type	NFC
Fuse size	10 x 38 mm
Network type	AC DC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	Direct frontal External frontal External left side External right side
Mounting support	Plate Rail
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
Rated operational power in W	15 kW at 400 V 25 kW at 690 V

	18.5 kW at 500 V
Making capacity	320 A at 400 V on AC-23B
[Icm] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Breaking capacity	256 A at 400 V on AC-23B
Short-circuit withstand	5.5 kA
Mechanical durability	20000 cycles
Electrical durability	1500 cycles on AC-23A 1500 cycles on AC-23B 300 cycles on DC-23A 300 cycles on DC-23B
Connections - terminals	Power circuit : screw-clamp terminals cable 2.5...16 mm <sup>2</sup> - cable stiffness: flexible
Tightening torque	Power circuit : 3 N.m - on screw-clamp terminals

## Environment

Standards	IEC 60947-3
Product certifications	CE
Protective treatment	TH
IP degree of protection	IP20 with terminal cover conforming to IEC 60529
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Fire resistance	960 °C body conforming to IEC 60695-2-1
Height	98 mm
Width	96 mm
Depth	112 mm
Product weight	0.46 kg

## Contractual warranty

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