



### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS1 DD
Product or component type	Switch-disconnector-fuse
Device application	Protection
Design	Compact
Poles description	3P + Nc
Protected poles description	3t
Contacts type and composition	4 NO
[I <sub>th</sub> ] conventional free air thermal current	32 A (at 40 °C)
[I <sub>e</sub> ] rated operational current	20 A at 440 V 2 poles in series per phase DC-23A 20 A at 440 V 2 poles in series per phase DC-23B 32 A at 400...690 V AC-23A 32 A at 400...690 V AC-23B
Fuse type	BS
Fuse size	A1
Network type	DC AC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	External frontal Direct frontal External right side External left side
Mounting support	Rail Plate
[U <sub>i</sub> ] rated insulation voltage	800 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
Rated operational power in W	15 kW at 400 V 25 kW at 690 V
Making capacity	320 A at 400 V AC-23B

[Icm] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
Breaking capacity	256 A at 400 V (AC-23B)
Short-circuit withstand	5.5 kA
Mechanical durability	20000 cycles
Electrical durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B
Connections - terminals	Power circuit: screw-clamp terminals 2.5...16 mm <sup>2</sup> 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 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	960 °C body conforming to IEC 60695-2-1
Height	98 mm
Width	96 mm
Depth	112 mm
Net weight	0.54 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
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