



## Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2T
Product or component type	Switch-disconnector-fuse
Poles description	4P
Protected poles description	4t
Contacts type and composition	4 NO
[I <sub>th</sub> ] conventional free air thermal current	800 A (at 40 °C)
[I <sub>e</sub> ] rated operational current	800 A at 440 V 2 poles in series per phase DC-23A 800 A at 440 V 2 poles in series per phase DC-23B 630 A at 500 V AC-23A 630 A at 500 V AC-23B 630 A at 690 V AC-23A 630 A at 690 V AC-23B 800 A at 400 V AC-23A 800 A at 400 V AC-23B
Fuse type	BS
Fuse size	C3
Network type	DC AC
Network frequency	50/60 Hz

## Complementary

Type of operating handle	External frontal Direct frontal External right side
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 450 KW at 400 V 450 kW at 500 V
Breaking capacity	70 W
Making capacity	8000 A at 400 V AC-23B
Breaking capacity	6400 A at 400 V (AC-23B)
Short-circuit withstand	80 kA
Mechanical durability	8000 cycles
Electrical durability	1000 Cycles AC-23A 1000 Cycles AC-23B 200 Cycles DC-23A 200 cycles DC-23B
Connections - terminals	Power circuit: bars63 mm <sup>2</sup> Power circuit: lugs-ring terminals 2 cable(s) 300 mm <sup>2</sup> Power circuit: lugs-ring terminals 2 cable(s) 185 mm <sup>2</sup>
[I <sub>cm</sub> ] rated short-circuit making capacity	80 kA at 400 V with protection by gG fuses
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	300 mm
Width	458 mm
Depth	250 mm
Net weight	21.5 kg

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	44.7 cm
Package 1 Width	41.7 cm
Package 1 Length	52.9 cm
Package 1 Weight	21.5 kg

## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
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