



### Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2K
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	125 A (at 40 °C)
[I <sub>e</sub> ] rated operational current	100 A at 440 V 2 poles in series per phase DC-23A 100 A at 440 V 2 poles in series per phase DC-23B 100 A at 690 V AC-23A 100 A at 690 V AC-23B 125 A at 400 V AC-23A 125 A at 400 V AC-23B 125 A at 500 V AC-23A 125 A at 500 V AC-23B
Fuse type	NFC
Fuse size	22 x 58 mm
Network type	AC DC
Network frequency	50/60 Hz

### Complementary

Type of operating handle	External left side
Mounting support	Plate
[U <sub>i</sub> ] rated insulation voltage	750 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV
Rated operational power in W	63 kW at 400 V 90 kW at 500 V 80 kW at 690 V
Making capacity	1000 A at 400 V AC-23B
[I <sub>cm</sub> ] rated short-circuit making capacity	100 kA at 400 V with protection by gG fuses
Breaking capacity	10000 A at 400 V (AC-23B)

Short-circuit withstand	20 kA
Mechanical durability	10000 cycles
Electrical durability	1000 cycles AC-23A 1000 cycles DC-23A 200 cycles AC-23B 200 cycles DC-23B
Connections - terminals	Power circuit: bars 20 mm <sup>2</sup> Power circuit: lugs-ring terminals 35...95 mm <sup>2</sup>
Tightening torque	Power circuit: 12 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	162 mm
Width	184 mm
Depth	116 mm
Net weight	2 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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