Product data sheet
Characteristics

GS2KK3
Switch disconnector fuse, TeSys GS, 3P, 125A, fuse type DIN, size 00



Main

Range	TeSys
Product name	TeSys GS
Device short name	GS2K
Product or component type	Switch-disconnector-fuse
Poles description	3P
Protected poles description	3t
Contacts type and composition	3 NO
[Ith] conventional free air thermal current	125 A (at 40 °C)
[Ie] 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	DIN
Fuse size	00
Network type	DC AC
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	63 KW at 400 V 90 KW at 500 V 80 KW at 690 V
Making capacity	1000 A at 400 V AC-23B
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 mm² Power circuit: lugs-ring terminals 35…95 mm²

[Icm] rated short-circuit making capacity	100 KA at 400 V with protection by gG fuses
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	148 Mm
Depth	126.5 Mm
Net weight	1.5 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.0 Cm
Package 1 Width	19.0 Cm
Package 1 Length	22.0 Cm
Package 1 Weight	1.82 Kg
Unit Type of Package 2	S06
Number of Units in Package 2	27
Package 2 Height	75.0 Cm
Package 2 Width	60.0 Cm
Package 2 Length	80.0 Cm
Package 2 Weight	62.14 Kg

Offer Sustainability

Total lifecycle Carbon footprint	357 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	7.7368421052631575
Carbon footprint of the manufacturing phase [A1 to A3]	8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.9505263157894737
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.05305263157894736
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	347.45454545454544
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	347 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.34705263157894733
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	357
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the St
End of life manual availability	End Of Life Information

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised