

Product data sheet

Specifications



Switch disconnector fuse, TeSys GS, 4P, 100A, fuse type NFC, size 22x58 mm

GS2J4

Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS2J
Product Or Component Type	Switch-disconnector-fuse
Poles Description	4P
Protected Poles Description	4t
Contacts Type And Composition	4 NO
[Ith] Conventional Free Air Thermal Current	100 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 poles not juxtaposed AC-23A 100 A at 690 V poles not juxtaposed AC-23B 100 A at 400 V AC-23A 100 A at 400 V AC-23B 100 A at 500 V AC-23A 100 A at 500 V AC-23B
Fuse Type	NFC
Fuse Size	22 x 58 mm
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	51 kW at 400 V 63 kW at 500 V 90 kW at 690 V
Making Capacity	1000 A at 400 V AC-23B
Breaking Capacity	800 A at 400 V (AC-23B)
Short-Circuit Withstand	20 kA
Mechanical Durability	10000 cycles

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical Durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles AC-23A 300 cycles AC-23B
Connections - Terminals	Power circuit: bars20 mm² Power circuit: lugs-ring terminals25...95 mm²
[Icm] Rated Short-Circuit Making Capacity	80 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	184 mm
Depth	116 mm
Net Weight	2 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	20.000 cm
Package 1 Width	21.000 cm
Package 1 Length	23.500 cm
Package 1 Weight	2.260 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	27
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	74.020 kg

Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov