

Product data sheet

Specifications



Switch disconnector fuse, TeSys GS, 3P, 32A, fuse type BS

GS1DDB3

⚠ Discontinued on: Dec 29, 2023

⚠ Discontinued

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
Protected Poles Description	3t
Contacts Type And Composition	3 NO
[Ith] Conventional Free Air Thermal Current	32 A (at 40 °C)
[Ie] 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 External left side External right side Direct frontal
Mounting Support	Plate Rail
[Ui] Rated Insulation Voltage	800 V AC 50/60 Hz
[Uimp] 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)

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

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 terminals2.5...16 mm² 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	0.5 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	10.3 cm
Package 1 Length	11.7 cm
Package 1 Weight	503.0 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	4
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.218 kg

Contractual warranty

Warranty	18 months
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Sustainability

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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 Product out of China RoHS scope. Substance declaration for your information
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