

# Product data sheet

Specifications



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

GS1DDB4

⚠ Discontinued on: Jan 28, 2024

⚠ 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 + Nc
Protected poles description	3t
Contacts type and composition	4 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 Direct frontal External right side External left side
mounting support	Rail Plate
[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	0.54 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	10.2 cm
Package 1 Length	11.5 cm
Package 1 Weight	535.0 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	2.315 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

Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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 <a href="#">www.P65Warnings.ca.gov</a>