Product data sheet

Specifications

Green Premium™

Switch disconnector fuse, TeSys GS, 4P, 4NO, 50A, 4.6W, fuse type NFC, size 14x51mm

GS1FD4

Discontinued

Main

Range	TeSys
Product Name	TeSys GS
Device Short Name	GS1 F
Product Or Component Type	Switch-disconnector-fuse
Device Application	Protection
Poles Description	4P
Protected Poles Description	4t
Contacts Type And Composition	4 NO
[Ith] Conventional Free Air Thermal Current	50 A (at 104 °F (40 °C))
[Ie] Rated Operational Current	40 A 440 V 2 poles in series per phase DC-23A 40 A 440 V 2 poles in series per phase DC-23B 50 A 400 V AC-23A 50 A 400 V AC-23B 50 A 500 V AC-23A 50 A 500 V AC-23B 50 A 690 V AC-23A 50 A 690 V AC-23B
Fuse Type	NFC
Fuse Size	14 x 51 mm
Network Type	AC DC
Network Frequency	50/60 Hz

Complementary

Type Of Operating Handle	Direct 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	25 kW 400 V 33 kW 500 V 45 kW 690 V
Breaking Capacity	4.6 W
Making Capacity	500 A 400 V AC-23B
Breaking Capacity	400 A 400 V AC-23B)
Short-Circuit Withstand	7.6 kA

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Mechanical Durability	10000 cycles
Electrical Durability	1500 cycles AC-23A 1500 cycles AC-23B 300 cycles DC-23A 300 cycles DC-23B
Connections - Terminals	Power circuit lugs-ring terminals 0.01…0.04 in² (6…25 mm²) flexible
[Icm] Rated Short-Circuit Making Capacity	100 kA 400 V with protection by gG fuses
Tightening Torque	Power circuit 28.32 lbf.in (3.2 N.m) lugs-ring terminals

Environment

Standards	IEC 60947-3
Product Certifications	CE
Protective Treatment	TH
Ip Degree Of Protection	IP20 IEC 60529 with terminal cover)
Ambient Air Temperature For Operation	-4…158 °F (-20…70 °C)
Ambient Air Temperature For Storage	-40…176 °F (-40…80 °C)
Fire Resistance	1562 °F (850 °C) fuse cover IEC 60695-2-1 1760 °F (960 °C) body IEC 60695-2-1
Height	4.65 in (118 mm)
Width	5.71 in (145 mm)
Depth	3.43 in (87 mm)
Net Weight	2.20 lb(US) (1 kg)

Ordering and shipping details

Category	18402-WORLD SERVICE PARTS(CONTROL ACCESS)
Discount Schedule	CP10
Gtin	3389110253894
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.92 in (12.5 cm)
Package 1 Width	6.30 in (16.0 cm)
Package 1 Length	4.92 in (12.5 cm)
Package 1 Weight	2.58 lb(US) (1.17 kg)
Unit Type Of Package 2	S06
Number Of Units In Package 2	20
Package 2 Height	29.53 in (75.0 cm)
Package 2 Width	23.62 in (60.0 cm)
Package 2 Length	31.50 in (80.0 cm)
Package 2 Weight	80.07 lb(US) (36.32 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >

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