

Product datasheet

Specifications



Switch disconnecter fuse, FuPacT GSD250, 250 A, 4 poles, fuse type DIN NH1, front and right side control

LV481434

EAN Code: 3606481713209

Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSD250
Product or component type	Switch-disconnector-fuse
Device application	Equipment protection, monitoring and control Distribution
Poles description	4P
Number of fuse carriers	4
Fuse type	DIN
Fuse size	NH1
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[Ith] conventional free air thermal current	250 A (35 °C) power dissipation per fuse: 23 W
[Ithe] conventional enclosed thermal current	250 A at 35 °C, Power dissipation per fuse: 23 W
Maximum power dissipation per pole	19 W
[Ue] rated operational voltage	690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ie] rated operational current	AC-22A: 250 A at 220/240 V AC 50/60 Hz AC-23A: 250 A at 220/240 V AC 50/60 Hz AC-22B: 250 A at 220/240 V AC 50/60 Hz AC-23B: 250 A at 220/240 V AC 50/60 Hz AC-22A: 250 A at 380/415 V AC 50/60 Hz AC-23A: 250 A at 380/415 V AC 50/60 Hz AC-22B: 250 A at 380/415 V AC 50/60 Hz AC-23B: 250 A at 380/415 V AC 50/60 Hz AC-22A: 250 A at 660/690 V AC 50/60 Hz AC-23A: 250 A at 660/690 V AC 50/60 Hz AC-22B: 250 A at 660/690 V AC 50/60 Hz AC-23B: 250 A at 660/690 V AC 50/60 Hz

Complementary

[Iq] Breaking capacity with fuses (kA RMS)	80 kA at 415 V (AC) 50 kA at 690 V (AC)
Rated operational power in W	132 kW at 380/400 V 220 kW at 660/690 V

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

Contacts type and composition	4 NO
Type of operating handle	Direct frontal External frontal External right side
Provision for padlocking	3 padlocks
Mounting position	Vertical
Mounting mode	Fixed
Mounting support	Backplate
Mechanical durability	10000 cycles
Electrical durability	AC-22A: 1000 cycles 415 V AC 50/60 Hz AC-23A: 1000 cycles 415 V AC 50/60 Hz AC-22A: 1000 cycles 690 V AC 50/60 Hz AC-23A: 1000 cycles 690 V AC 50/60 Hz
Connections - terminals	Power circuit: bare cable connectors 32 mm² Power circuit: lugs-ring terminals 95...240 mm²
Tightening torque	Power circuit: 25 N.m
Width	294 mm
Height	195 mm
Depth	146 mm
Net weight	4.2 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE CCC EAC

Environment

Electrical shock protection class	Class II front face
IP degree of protection	IP20 conforming to IEC 60529 (with terminal cover)
IK degree of protection	IK07 conforming to EN 50102
Pollution degree	3 conforming to IEC 60947
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...80 °C
Flame resistance	850 °C fuse cover conforming to IEC 60695-2-1 960 °C body conforming to IEC 60695-2-1

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	34.000 cm
Package 1 Weight	4.552 kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.000 cm

Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	55.390 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	512 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	19 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	489 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.9 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes

Use Longer

 Lifetime extension	
Repair	No

Use Again

 Repack and remanufacture	
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 and never end up in rubbish bins