



### Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSD1250
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	NH4
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[I <sub>th</sub> ] conventional free air thermal current	1250 A ( 35 °C ) power dissipation per fuse: 110 W
[I <sub>the</sub> ] conventional enclosed thermal current	1250 A at 35 °C, Power dissipation per fuse: 110 W
Maximum power dissipation per pole	154 W
[U <sub>e</sub> ] rated operational voltage	690 V AC 50/60 Hz 1000 V AC 50/60 Hz AC-20
[U <sub>i</sub> ] rated insulation voltage	1000 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	12 kV
[I <sub>e</sub> ] rated operational current	AC-22A: 1250 A at 220/240 V AC 50/60 Hz AC-23A: 1250 A at 220/240 V AC 50/60 Hz AC-22B: 1250 A at 220/240 V AC 50/60 Hz AC-23B: 1250 A at 220/240 V AC 50/60 Hz AC-22A: 1250 A at 380/415 V AC 50/60 Hz AC-23A: 1250 A at 380/415 V AC 50/60 Hz AC-22B: 1250 A at 380/415 V AC 50/60 Hz AC-23B: 1250 A at 380/415 V AC 50/60 Hz

### Complementary

[I <sub>q</sub> ] Breaking capacity with fuses (kA RMS)	100 kA at 415 V (AC) 100 kA at 690 V (AC)
Rated operational power in W	750 kW at 380/400 V 900 kW at 660/690 V
Contacts type and composition	4 NO
Type of operating handle	External frontal External right side
Provision for padlocking	3 padlocks
Mounting position	Vertical
Mounting mode	Fixed
Mounting support	Backplate
Mechanical durability	5000 cycles

Electrical durability	AC-22A: 100 cycles 415 V AC 50/60 Hz AC-22A: 100 cycles 690 V AC 50/60 Hz AC-23A: 100 cycles 415 V AC 50/60 Hz
Connections - terminals	Power circuit: bare cable connectors 80 mm <sup>2</sup> Power circuit: lugs-ring terminals 4 cable(s) 185 mm <sup>2</sup>
Tightening torque	Power circuit: 44 N.m
Width	562 mm
Height	300 mm
Depth	289 mm
Net weight	30 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product certifications	CE[RETURN]CCC[RETURN]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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins