



Main

Range	FuPacT
Product name	FuPacT GS
Device short name	GSD160
Product or component type	Switch-disconnector-fuse
Device application	Equipment protection, monitoring and control Distribution
Poles description	3P
Number of fuse carriers	3
Fuse type	DIN
Fuse size	NH00
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Visible break	No
Contact position indicator	Yes
[I _{th}] conventional free air thermal current	160 A (35 °C) power dissipation per fuse: 12 W
[I _{the}] conventional enclosed thermal current	160 A at 35 °C, Power dissipation per fuse: 12 W
Maximum power dissipation per pole	10.4 W
[U _e] rated operational voltage	690 V AC 50/60 Hz 800 V AC 50/60 Hz AC-20
[U _i] rated insulation voltage	800 V AC 50/60 Hz
[U _{imp}] rated impulse withstand voltage	8 kV
[I _e] rated operational current	AC-22A: 160 A at 220/240 V AC 50/60 Hz AC-23A: 160 A at 220/240 V AC 50/60 Hz AC-22B: 160 A at 220/240 V AC 50/60 Hz AC-23B: 160 A at 220/240 V AC 50/60 Hz AC-22A: 160 A at 380/415 V AC 50/60 Hz AC-23A: 160 A at 380/415 V AC 50/60 Hz AC-22B: 160 A at 380/415 V AC 50/60 Hz AC-23B: 160 A at 380/415 V AC 50/60 Hz AC-22A: 160 A at 660/690 V AC 50/60 Hz AC-22B: 160 A at 660/690 V AC 50/60 Hz

Complementary

[I _q] Breaking capacity with fuses (kA RMS)	80 KA at 415 V (AC) 50 kA at 690 V (AC)
Rated operational power in W	80 KW at 380/400 V 110 kW at 660/690 V
Contacts type and composition	3 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 connectors20 mm ² Power circuit: lugs-ring terminals50...95 mm ²
Tightening torque	Power circuit: 12 N.m
Width	148 mm
Height	162 mm
Depth	116 mm
Net weight	1.8 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	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins