Product datasheet

Specification





Circuit breaker, GoPact MCCB 125, 4 poles, 30kA at 415VAC, 20A rating, TMD trip unit, fixed thermal protection

G12F4F20

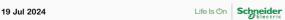
Main

Range of product	GoPact MCCB	
Product or component type	Circuit breaker	
Product name	GoPact MCCB 125	
Device application	Distribution	
poles description	4P	
Protected poles description	4D	
Neutral position	Left	
[In] rated current	20 A at 40 °C	
[Ue] rated operational voltage	415 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Utilisation category	Category A	
[lcu] rated ultimate short-circuit breaking capacity	30 kA lcu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA lcu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Performance level	F 30 kA 380/415 V AC	
Trip unit name	TM-D	
Trip unit technology	Thermal-magnetic	
Trip unit protection functions	ш	
Control type	Toggle	
Circuit breaker mounting mode	Fixed	

Complementary

[Ui] rated insulation voltage	440 V AC conforming to EN/IEC 60947-2	
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2	
[lcs] rated service short-circuit breaking capacity	15 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Mechanical durability	30000 cycles	
Electrical durability	8000 cycles at 415 V In	
Power dissipation per pole	18.7 W	
Mounting support	Backplate	
Mounting position	Horizontal and vertical Flat on the back	
Upside connection	Front	

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"



downside connection	Front	
Connection terminals	screw terminals	
Connection pitch	25 mm	
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)	
Trip unit rating	20 A at 40 °C	
Long-time pick-up adjustment type Ir (thermal protection)	Fixed	
[Ir] long-time protection pick-up adjustment range	1 x ln	
Long-time protection delay adjustment type tr	Fixed	
Instantaneous protection pick-up adjustment type li	Fixed	
[li] instantaneous protection pick- up adjustment range	320 A	
Neutral protection settings	1 x lr (4D)	
Width (W)	100 mm	
Height (H)	130 mm	
Depth (D)	60 mm	
Net weight	0.9 kg	
Colour	Grey (RAL 7035)	

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-2 Annex H	
Overvoltage category	III	
Pollution degree	3 conforming to IEC 60664-1	
IP degree of protection	IP20 conforming to IEC 60529	
Ambient air temperature for operation	-2055 °C	
ambient air temperature for storage	-3585 °C	
Operating altitude	02000 m without derating 20005000 m with derating	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.4 cm
Package 1 Width	11 cm
Package 1 Length	13.9 cm
Package 1 Weight	1187 g
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm

Package 2 Weight	7.437 kg
Unit Type of Package 3	P06
Number of Units in Package 3	96
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	127.492 kg



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

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Transparency RoHS/REACh

Well-being performance

	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information