Product datasheet

Specifications

Circuit breaker, GoPact MCCB 125, 3 poles, 15kA at 415VAC, 16A rating, TMD trip unit, adjustable thermal protection

G12E3A16

Main

Range of product	GoPact MCCB
Product or component type	Circuit breaker
Product name	GoPact MCCB 125
Device application	Distribution
poles description	3P
Protected poles description	3D
[In] rated current	16 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
[Icu] rated ultimate short-circuit breaking capacity	15 kA Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Performance level	E 15 kA 380/415 V AC
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
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
[Ics] 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
downside connection	Front

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

Connection terminals	screw terminals
Connection pitch	25 mm
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	16 A at 40 °C
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.8...1 x In
Long-time protection delay adjustment type tr	Fixed
Instantaneous protection pick-up adjustment type Ii	Fixed
[Ii] instantaneous protection pick-up adjustment range	320 A
Width (W)	75 mm
Height (H)	130 mm
Depth (D)	60 mm
Net weight	0.7 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	-20…55 °C
ambient air temperature for storage	-35…85 °C
Operating altitude	0...2000 m without derating 2000...5000 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	8.5 cm
Package 1 Length	13.9 cm
Package 1 Weight	908 g
Unit Type of Package 2	S02
Number of Units in Package 2	8
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.579 kg
Unit Type of Package 3	P06

Number of Units in Package 3	128
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	129.764 kg

Sustainability

Green Premium^{TM} 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

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