

# Product datasheet

Specifications



## Circuit breaker, GoPact MCCB 125, 3 poles, 10kA at 415VAC, 16A rating, TMD trip unit, fixed thermal protection

G12T3F16

### 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	10 kA Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Performance level	T 10 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	10 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 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

<b>Upside connection</b>	Front
<b>Downside connection</b>	Front
<b>Connection terminals</b>	screw terminals
<b>Connection pitch</b>	25 mm
<b>Protection type</b>	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
<b>Trip unit rating</b>	16 A at 40 °C
<b>Long-time pick-up adjustment type Ir (thermal protection)</b>	Fixed
<b>[Ir] long-time protection pick-up adjustment range</b>	1 x In
<b>Long-time protection delay adjustment type tr</b>	Fixed
<b>Instantaneous protection pick-up adjustment type li</b>	Fixed
<b>[li] instantaneous protection pick-up adjustment range</b>	320 A
<b>Width (W)</b>	75 mm
<b>Height (H)</b>	130 mm
<b>Depth (D)</b>	60 mm
<b>Net weight</b>	0.7 kg
<b>Colour</b>	Grey (RAL 7035)

## Environment

<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-2 Annex H
<b>Overvoltage category</b>	III
<b>Pollution degree</b>	3 conforming to IEC 60664-1
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-20...55 °C
<b>Ambient air temperature for storage</b>	-35...85 °C
<b>Operating altitude</b>	0...2000 m without derating 2000...5000 m with derating

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	12.4 cm
<b>Package 1 Width</b>	8.5 cm
<b>Package 1 Length</b>	13.9 cm
<b>Package 1 Weight</b>	0.908 kg
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	1
<b>Package 2 Height</b>	12.4 cm
<b>Package 2 Width</b>	8.5 cm
<b>Package 2 Length</b>	13.9 cm

Package 2 Weight	0.908 kg
Unit Type of Package 3	S02
Number of Units in Package 3	8
Package 3 Height	15 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	7.664 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</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
PVC free	Yes

## Recommended replacement(s)