

# Product datasheet

Specifications



Circuit breaker, GoPact MCCB 200, 4 poles, 25kA at 415VAC, 160A rating, TMD trip unit, adjustable thermal protection

G20B4A160

## Main

Range of product	GoPact MCCB
Product or component type	Circuit breaker
Product name	GoPact MCCB 200
Device application	Distribution
Poles description	4P
Protected poles description	4D
Neutral position	Left
[In] rated current	160 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	25 kA Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Performance level	B 25 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	25 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 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	16 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>	160 A at 40 °C
<b>Long-time pick-up adjustment type Ir (thermal protection)</b>	Adjustable
<b>[Ir] long-time protection pick-up adjustment range</b>	0.7...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>	12 x In
<b>Neutral protection settings</b>	1 x Ir (4D)
<b>Width (W)</b>	100 mm
<b>Height (H)</b>	130 mm
<b>Depth (D)</b>	60 mm
<b>Net weight</b>	1.1 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>	13.6 cm
<b>Package 1 Width</b>	11 cm
<b>Package 1 Length</b>	13.9 cm
<b>Package 1 Weight</b>	1650 g

## Offer Sustainability

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

**Recommended replacement(s)**