

# Product datasheet

Specifications



Circuit breaker, GoPact MCCB 250, 3 poles, 25kA at 415VAC, 160A rating, TMD trip unit, adjustable thermal protection

G25B3A160

## Main

Range of product	GoPact MCCB
Product or component type	Circuit breaker
Product name	GoPact MCCB 250
Device application	Distribution
poles description	3P
Protected poles description	3D
[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	8 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	25000 cycles
Electrical durability	8000 cycles at 415 V In
Power dissipation per pole	25 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	35 mm
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	160 A at 40 °C
Long-time pick-up adjustment type I <sub>r</sub> (thermal protection)	Adjustable
[I <sub>r</sub> ] long-time protection pick-up adjustment range	0.7...1 x I <sub>n</sub>
Long-time protection delay adjustment type t <sub>r</sub>	Fixed
Instantaneous protection pick-up adjustment type I <sub>i</sub>	Fixed
[I <sub>i</sub> ] instantaneous protection pick-up adjustment range	12 x I <sub>n</sub>
Width (W)	105 mm
Height (H)	165 mm
Depth (D)	90 mm
Net weight	1.9 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	-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	18.3 cm
Package 1 Width	14.1 cm
Package 1 Length	20.4 cm
Package 1 Weight	3100 g
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.641 kg
Unit Type of Package 3	P06

<b>Number of Units in Package 3</b>	24
<b>Package 3 Height</b>	105 cm
<b>Package 3 Width</b>	60 cm
<b>Package 3 Length</b>	80 cm
<b>Package 3 Weight</b>	88.192 kg

## Sustainability

**Green Premium™ 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<sub>2</sub> 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](#)