

# Product datasheet

Specifications



Circuit breaker, GoPact MCCB 400,  
3 poles, 50kA at 415VAC, 400A  
rating, TMD trip unit, adjustable  
thermal protection

G40N3A400

## Main

Range of product	GoPact MCCB
Product or component type	Circuit breaker
Product name	GoPact MCCB 400
Device application	Distribution
Poles description	3P
Protected poles description	3D
[In] rated current	400 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	50 kA Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 65 kA Icu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Performance level	N 50 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	50 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 65 kA at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2
Mechanical durability	15000 cycles
Electrical durability	5000 cycles at 415 V In
Power dissipation per pole	40 W
Mounting support	Backplate
Mounting position	Horizontal and vertical Flat on the back
Upside connection	Front
Downside connection	Front

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Connection terminals	screw terminals
Connection pitch	40 mm
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	400 A at 40 °C
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.7...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	12 x In
Width (W)	120 mm
Height (H)	205 mm
Depth (D)	105 mm
Net weight	3.5 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	22.1 cm
Package 1 Width	15.4 cm
Package 1 Length	25.7 cm
Package 1 Weight	4.28 kg
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	9.001 kg
Unit Type of Package 3	P06

Number of Units in Package 3	24
Package 3 Height	105 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	116.512 kg

## **Contractual warranty**

Warranty (in months)	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint	1088
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	5b12c07e-103c-433a-bd34-f815c7f01ef6
REACH Regulation	<a href="#">REACH Declaration</a>
Halogen-free status	Halogen free plastic parts product
PVC free	Yes
Silicone-free	Yes

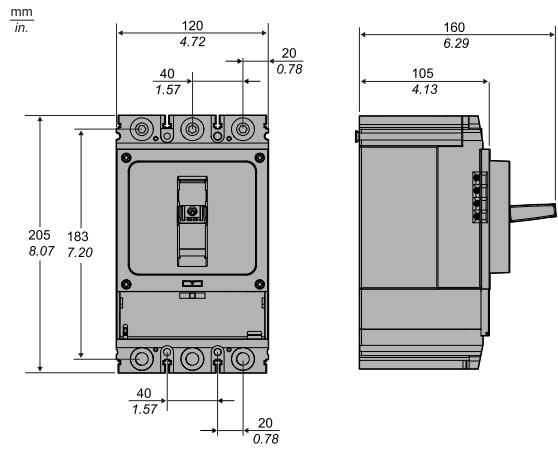
## Use Again

### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No

## Technical Illustration

## Dimensions



## Offer Marketing Illustration

## Product benefits / Features



## GoPact MCCB Range Accessories



Rotary handles



Auxiliary contact



Terminal extensions



MN undervoltage release



Rear connectors



Short terminal shield

Plug in  
conversion kit

Plug in base

Interphase  
barrierBare cable  
connector

## Offer Marketing Illustration

## Product benefits / Features

## GoPact MCCB

### Molded Case Circuit Breakers

**Affordable**

Multiple choices are available between current rating and tripping technology, enabling you to optimize the purchase vs. performance cost.

**Reliable Performance**

Robust breaker for an enduring mechanical and electrical life.

**Available Everywhere**

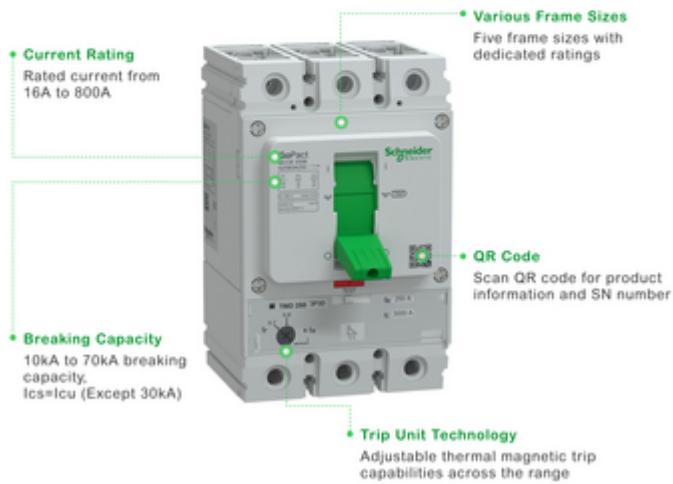
Accessible both in distributor stores and across various e-commerce platforms.

## Offer Marketing Illustration

## Product benefits / Features

## GoPact MCCB

## Technical Features



## Offer Marketing Illustration

## Product benefits / Features



## GoPact MCCB

### Technical Benefits

- Complete range from 16 to 800 A
- Complete portfolio of accessories: Electrical auxiliaries, Insulation auxiliaries, Connection accessories, Control accessories, Internal accessories.
- GoPact MTS range covers ratings from 63A to 2000A in 6 frame sizes.
- Built-in trip unit
- Sufficient pole pitch helps to terminate copper busbars or cables
- It has a good price-performance ratio for simple applications and delivers a reliable electrical solution for your applications.
- Schneider Electric performance, quality, and warranty



## Offer Marketing Illustration

## Product benefits / Features

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