# **Product datasheet**

Specification





Circuit breaker, GoPact MCCB 125, 3 poles, 15kA at 415VAC, 40A rating, TMD trip unit, fixed thermal protection

G12E3F40

### Main

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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	40 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	Ц
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

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	25 mm
Protection Type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip Unit Rating	40 A at 40 °C
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Fixed
[Ir] Long-Time Protection Pick-Up Adjustment Range	1 x ln
Long-Time Protection Delay Adjustment Type Tr	Fixed
Instantaneous Protection Pick-Up Adjustment Type Ii	Fixed
[li] Instantaneous Protection Pick- Up Adjustment Range	10 x In
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	-2055 °C	
Ambient Air Temperature For Storage	-3585 °C	
Operating Altitude	02000 m without derating 20005000 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 Screen Premium"

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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

<b>②</b>	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