Product datasheet

Specifications





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

G12E3F125

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	125 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	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	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	5000 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	125 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 li	Fixed	
[li] Instantaneous Protection Pick- Up Adjustment Range	10 x ln	
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 1PCENumber Of Units In Package 11Package 1 Height12.4 cmPackage 1 Width8.5 cmPackage 1 Length13.9 cmPackage 1 Weight1.108 kgUnit Type Of Package 2S02Number Of Units In Package 28Package 2 Height15 cmPackage 2 Width30 cmPackage 2 Length40 cmPackage 2 Weight9.179 kgUnit Type Of Package 3P06		
Package 1 Height12.4 cmPackage 1 Width8.5 cmPackage 1 Length13.9 cmPackage 1 Weight1.108 kgUnit Type Of Package 2SO2Number Of Units In Package 28Package 2 Height15 cmPackage 2 Width30 cmPackage 2 Length40 cmPackage 2 Weight9.179 kg	Unit Type Of Package 1	PCE
Package 1 Width8.5 cmPackage 1 Length13.9 cmPackage 1 Weight1.108 kgUnit Type Of Package 2S02Number Of Units In Package 28Package 2 Height15 cmPackage 2 Width30 cmPackage 2 Length40 cmPackage 2 Weight9.179 kg	Number Of Units In Package 1	1
Package 1 Length13.9 cmPackage 1 Weight1.108 kgUnit Type Of Package 2S02Number Of Units In Package 28Package 2 Height15 cmPackage 2 Width30 cmPackage 2 Length40 cmPackage 2 Weight9.179 kg	Package 1 Height	12.4 cm
Package 1 Weight1.108 kgUnit Type Of Package 2S02Number Of Units In Package 28Package 2 Height15 cmPackage 2 Width30 cmPackage 2 Length40 cmPackage 2 Weight9.179 kg	Package 1 Width	8.5 cm
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 9.179 kg	Package 1 Length	13.9 cm
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 9.179 kg	Package 1 Weight	1.108 kg
Package 2 Height 15 cm Package 2 Width 30 cm Package 2 Length 40 cm Package 2 Weight 9.179 kg	Unit Type Of Package 2	S02
Package 2 Width 30 cm Package 2 Length 40 cm Package 2 Weight 9.179 kg	Number Of Units In Package 2	8
Package 2 Length 40 cm Package 2 Weight 9.179 kg	Package 2 Height	15 cm
Package 2 Weight 9.179 kg	Package 2 Width	30 cm
	Package 2 Length	40 cm
Unit Type Of Package 3 P06	Package 2 Weight	9.179 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	155.364 kg

Sustainability Screen

Green PremiumTM 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-CO₂ 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