Specifications



Circuit breaker, GoPact MCCB 125, 3 poles, 10kA at 415VAC, 80A rating, TMD trip unit, fixed thermal protection

G12T3F80

Main

mann		
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	80 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	10 kA lcu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA lcu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Performance level	T 10 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	
[lcs] rated service short-circuit breaking capacity	10 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 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	80 A at 40 °C	
Long-time pick-up adjustment type Ir (thermal protection)	Fixed	
[Ir] long-time protection pick-up adjustment range	1 x In	
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 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

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 >

Image: Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 305 Environmental Disclosure Product Environmental Profile

Use Better

In the second secon	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	7ccb5ff0-1063-42f0-88cf-9573d7504038
REACh Regulation	REACh Declaration
PVC free	Yes

Use Again

${\mathbb O}$ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product datasheet

Technical Illustration

Dimensions

