

Circuit breaker, GoPact MCCB 250, 4 poles, 36kA at 415VAC, 250A, TMD trip unit, adjustable thermal protection, up to 50°C

G25F4A250

Main

Range of product	GoPact MCCB	
Product or component type	Circuit breaker	
Product name	GoPact MCCB 250	
Device application	Distribution	
Poles description	4P	
Protected poles description	4D	
Neutral position	Left	
[In] rated current	250 A at 40 °C 250 A at 50 °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	36 kA Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Performance level	F 36 kA 380/415 V AC	
Trip unit name	TM-D	
Trip unit technology	Thermal-magnetic	
Trip unit protection functions	u	
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	
[lcs] rated service short-circuit breaking capacity	36 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 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
Connection terminals	screw terminals
Connection pitch	35 mm
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	250 A at 40 °C 250 A at 50 °C
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.71 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	12 x ln
Neutral protection settings	1 x lr (4D)
Width (W)	140 mm
Height (H)	165 mm
Depth (D)	90 mm
Net weight	2.4 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	18.3 cm
Package 1 Width	17.6 cm
Package 1 Length	20.4 cm
Package 1 Weight	3500 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	7.315 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	96.28 kg



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	474
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Packaging	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Not compliant
SCIP Number	5b12c07e-103c-433a-bd34-f815c7f01ef6
REACh Regulation	REACh Declaration
Halogen-free status	Halogen free plastic parts product
PVC free	Yes

Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No

Technical Illustration

Dimensions



