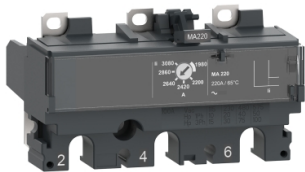


Product datasheet

Specifications



trip unit MA220 for ComPacT NSX
250 circuit breakers, magnetic,
rating 220 A, 3 poles 3d

C253MA220

Price: 591.00 HKD

Main

Range	ComPacT
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	MA
Trip unit technology	Magnetic
Range compatibility	ComPacT NSX250
Device application	Motor
Poles description	3P
Protected poles description	3D
Trip unit protection functions	I
Protection type	I : for short-circuit protection (magnetic)
Trip unit rating	220 A at 65 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

Complementary

Instantaneous protection pick-up adjustment type Ii	Adjustable
[Ii] instantaneous protection pick-up adjustment range	9...14 x In
Earth-leakage protection	Without

Environment

Standards	EN/IEC 60947-2
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60947-1
IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number of Units in Package 1	1
Package 1 Height	6.800 cm
Package 1 Width	10.000 cm
Package 1 Length	11.500 cm
Package 1 Weight	407.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	28
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	11.896 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	52 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	49 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.7 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	138b6bc4-fa61-4beb-85a0-fb0be50437de
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	54
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Offer Marketing Illustration

Product benefits / Features



ComPacT NSX

Technical Benefits

- Nominal current: 16 to 630 A and 9 breaking capacities for the 2 sizes of circuit breakers
- 1, 2, 3, and 4 pole versions available
- Large range of electronic and thermal-magnetic protections
- Plug and ready wiring system and communicating accessories
- Integrated earth leakage protection via MicroLogic Vigi (earth leakage circuit breaker - ELCB)
- Advanced trip unit with integrated power metering: I, U, P, E, THD, f, CosPhi

Offer Marketing Illustration

Product benefits / Features

ComPacT NSX

Moulded Case Circuit Breaker



Protection begins with prevention

Designed to prevent an electrical fire through integrated earth leakage protection with preventive maintenance thanks to its Everlink power connections.



Maximize power availability

By providing corrective, preventive, and predictive maintenance for asset management thanks to our advanced MicroLogic trip units.



Connectivity

Designed to connect to EcoStruxure Power, an IoT-connected architecture for improving every aspect of your power distribution system.

