

Product datasheet

Specifications



Trip unit MicroLogic 1.3M, ComPacT
NSX400/630, 3 poles, electronic
magnetic protection, motor
protection, 320A

C4031M320

Main

Range	ComPacT
Range of product	ComPacT NSX400...630
Product or component type	Trip unit
Trip unit name	MicroLogic 1.3 M
Trip unit technology	Electronic
Range compatibility	ComPacT NSX400 ComPacT NSX630
Device application	Motor
Poles description	3P
Protected poles description	3D
Trip unit protection functions	SI
Protection type	S : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
Trip unit rating	320 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

Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1600 A 1920 A 2240 A 2560 A 2880 A 3200 A 3520 A 3840 A 4160 A
Short-time protection delay adjustment type tsd	Fixed
Instantaneous protection pick-up adjustment type Ii	Fixed
[Ii] instantaneous protection pick-up adjustment range	4800 A
Earth-leakage protection	Without
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate

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
Number of Units in Package 1	1
Package 1 Height	14.000 cm
Package 1 Width	17.500 cm
Package 1 Length	21.500 cm
Package 1 Weight	1.360 kg
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.912 kg

Logistical informations

Country of origin	FR
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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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 61

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Recycled metal content at CR level 0

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Halogen content performance Product contains halogen above thresholds

PVC free Yes

Silicon free No

Use Longer

Lifetime extension

Upgradeability No

Use Again

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