

Product datasheet

Specifications



Control unit MicroLogic 2.0, ComPacT NS630b to NS3200 fixed and manually operated, basic protections

C20FM

EAN Code: 3606482098220

Main

Range	ComPacT
Range of product	ComPacT NS630b...1600 new generation ComPacT NS1600b...3200 new generation
Product or component type	Control unit
Trip unit name	MicroLogic 2.0
Trip unit technology	Electronic
Range compatibility	ComPacT NS630b...1600 ComPacT NS1600b...3200
Device application	Distribution
Number of poles	3P 4P
Protected poles description	4t 3t 3t + N/2
Trip unit protection functions	Basic protection
Protection type	L : for overload protection (long time) I : for instantaneous short-circuit protection
Trip unit rating	630 A at 50 °C 800 A at 50 °C 1000 A at 50 °C 1250 A at 50 °C 1600 A at 50 °C 2000 A at 50 °C 2500 A at 50 °C 3200 A at 50 °C
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Fixed

Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.4...1 x In
Long-time protection delay adjustment type tr	Adjustable 9 settings
[tr] long-time protection delay adjustment range	0.7...16.6 s at 7.2 x Ir 0.5...24 s at 6 x Ir 12.5...600 s at 1.5 x Ir
Thermal memory	20 mn
Instantaneous protection pick-up adjustment type Ii	Adjustable 9 settings

[Ii] instantaneous protection pick-up adjustment range	1.5...10 x I _r
Earth-leakage protection	Without
Zone selective interlocking ZSI	Without
Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error 1 LED (yellow) for overload

Environment

Standards	IEC 60947-4-2
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	2.0 cm
Package 1 Width	1.0 cm
Package 1 Length	2.0 cm
Package 1 Weight	10.0 g

Logistical informations

Country of origin	IT
--------------------------	----

Contractual warranty

Warranty (in months)	18
-----------------------------	----



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	11
Environmental Disclosure	Product Environmental Profile


Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	B8c8003e-32b8-4709-a0d5-0cc6e64fb011
REACH Regulation	REACH Declaration
Halogen-free status	Product contains halogen above thresholds

Use Again

Repack and remanufacture

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