

# Product data sheet

## Characteristics

### C20FM

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



#### 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 new generation NS630b...1600 ComPacT new generation 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 $li$	Adjustable 9 settings
[ $li$ ] instantaneous protection pick-up adjustment range	1.5...10 x $Ir$
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

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## 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product