# C50WM

Control unit MicroLogic 5.0, ComPacT NS630b to NS1600 drawout and manually operated, selective protections





### Main

Range	ComPacT
Range of product	ComPacT NS630b1600 new generation
Product or component type	Control unit
Trip unit name	MicroLogic 5.0
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NS630b1600
Device application	Distribution
Number of poles	3P 4P
Protected poles description	4t 3t 3t + N/2
Trip unit protection functions	Selective protection
Protection type	L : for short time short-circuit protection S : 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
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout

#### Complementary

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Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.41 x ln
Long-time protection delay adjustment type tr	Adjustable 9 settings
[tr] long-time protection delay adjustment range	0.716.6 S at 7.2 x lr 0.524 S at 6 x lr 12.5600 s at 1.5 x lr
Thermal memory	20 mn
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1.510 x lr
Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	00.4 S I <sup>2</sup> t=off 0.10.4 s I <sup>2</sup> t=on
Instantaneous protection pick-up adjustment type li	Adjustable 9 settings
[li] instantaneous protection pick-up adjustment range	215 x ln Off
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherenced as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the documentation is not be used to perform the appropriate and complete risk analysis, evaluation of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Standards	IEC 60947-4-2
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-5085 °C

# Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	2 cm	
Package 1 Width	1 cm	
Package 1 Length	2 cm	
Package 1 Weight	10 g	

# Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant with Exemptions	
Mercury free	Yes	
China RoHS Regulation	China RoHS Declaration	
RoHS exemption information	€Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	