# C5EWM

Control unit MicroLogic 5.0E, 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 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NS630b1600
Device application	Distribution
Number of poles	4P 3P
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 0.724 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	With
Local signalling	3 LEDs (red) for electrical fault 1 LED (red) for internal error 1 LED (yellow) for overload

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Display type	Digital display
Type of measurement	Energy meter
Communication of data	Measurement readout Protection and alarm settings

## Environment

Standards	IEC 60947-4-2
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-2585 °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	☑ 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
Halogen content performance	Halogen free plastic parts product