

# Product data sheet

## Characteristics

# C2EWM

Control unit MicroLogic 2.0E, ComPacT  
NS630b to NS1600 drawout and manually  
operated, basic protections



### Main

Range	ComPacT
Range of product	ComPacT NS630b...1600 new generation
Product or component type	Control unit
Trip unit name	MicroLogic 2.0 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NS630b...1600
Device application	Distribution
Number of poles	4P 3P
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
Network type	AC
Network frequency	50/60 Hz
Circuit breaker mounting mode	Drawout

### Complementary

Long-time pick-up adjustment type $I_r$ (thermal protection)	Adjustable 9 settings
[ $I_r$ ] long-time protection pick-up adjustment range	0.4...1 x $I_n$
Long-time protection delay adjustment type $t_r$	Adjustable 9 settings
[ $t_r$ ] long-time protection delay adjustment range	0.7...16.6 S at 7.2 x $I_r$ 0.7...24 S at 6 x $I_r$ 12.5...600 s at 1.5 x $I_r$
Thermal memory	20 mn
Instantaneous protection pick-up adjustment type $I_i$	Adjustable 9 settings
[ $I_i$ ] 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
Display type	Digital display
Type of measurement	Energy meter
Communication of data	Measurement readout Protection and alarm settings

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## Environment

Standards	IEC 60947-4-2
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-25...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