Range of product



ComPacT NSX400...630 new generation

Product or component type	Control unit
Trip unit name	Micrologic 5.3 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX400 ComPacT new generation NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3t + N/2 4t 3t + OSN 3t
Neutral position	Left
Trip unit protection functions	LSI
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip unit rating	400 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
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	160400 A
Long-time protection delay adjustment type tr	Adjustable
[Tr] long-time protection delay adjustment range	15400 s at 1.5 x lr 0.3511 s at 7.2 x lr 0.516 s at 6 x lr
Thermal memory	20 minutes before and after tripping

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 l²t=off 0.10.4 s l²t=on
Instantaneous protection pick- up adjustment type li	Adjustable
[li] instantaneous protection pick-up adjustment range	1.512 x ln
Earth-leakage protection	Without
Neutral protection settings	0.5 x Ir (3t + N/2) 1 x Ir (4t) 1.6 x Ir (3t + OSN) No protection (3t)
Zone selective interlocking ZSI	With
Local signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload
Display type	LCD display
Type of measurement	Energy meter
Communication of data	Instantaneous and demand values Maintenance indicators Maximeters/minimeters Energy metering Demand current and power Protection and alarm settings Time-stamped histories and event tables Power quality
Electrical data recording	Maintenance indicators
Environment	
Environment Standards	EN/IEC 60947-2 UL 508
Standards	UL 508  Marine EAC
Standards Product certifications	UL 508  Marine EAC CCC
Standards  Product certifications  Pollution degree  Ambient air temperature for	Marine EAC CCC 3 conforming to IEC 60947-1
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for	Marine EAC CCC 3 conforming to IEC 60947-1 -2570 °C
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage	Marine EAC CCC 3 conforming to IEC 60947-1 -2570 °C
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units	UL 508  Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units  Unit Type of Package 1	UL 508  Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units  Unit Type of Package 1  Number of Units in Package 1	UL 508  Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C  PCE  1
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units  Unit Type of Package 1  Number of Units in Package 1  Package 1 Weight	Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C  PCE  1  1.834 kg
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units  Unit Type of Package 1  Number of Units in Package 1  Package 1 Weight  Package 1 Height	Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C  PCE  1  1.834 kg  13.8 cm
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units  Unit Type of Package 1  Number of Units in Package 1  Package 1 Weight  Package 1 Height  Package 1 width	UL 508  Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C  PCE  1  1.834 kg  13.8 cm  17.6 cm
Product certifications  Pollution degree  Ambient air temperature for operation  Ambient air temperature for storage  Packing Units  Unit Type of Package 1  Number of Units in Package 1  Package 1 Weight  Package 1 Height  Package 1 width  Package 1 Length	UL 508  Marine EAC CCC  3 conforming to IEC 60947-1  -2570 °C  -4085 °C  PCE  1  1.834 kg  13.8 cm  17.6 cm  21.6 cm

Package 2 Height	150 cm
Package 2 width	80 cm
Package 2 Length	120 cm
Unit Type of Package 3	S03
Number of Units in Package 3	4
Package 3 Weight	7.901 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm
Offer Sustainability	
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

## **Contractual warranty**

Warranty	18 months
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Product out of China RoHS scope. Substance declaration for your information