

Product datasheet

Specifications



trip unit MicroLogic 2.3 for ComPacT
NSX 400/630 circuit breakers,
electronic, rating 400A, 4 poles 4d

C4042D400

Main

Range	ComPacT new generation
Range of product	ComPacT NSX400...630 new generation
Product or component type	Control unit
Trip unit name	Micrologic 2.3
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 3t 4t
Neutral position	Left
Trip unit protection functions	LSol
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay 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	160...400 A
Long-time protection delay adjustment type tr	Fixed
[Tr] long-time protection delay adjustment range	11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir
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	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Fixed
[Tsd] Short-time protection delay adjustment range	0.02 s
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	4800 A
Earth-leakage protection	Without
Neutral protection settings	0.5 x Ir (3t + N/2) 1 x Ir (4t) No protection (3t)
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CCC Marine EAC
Pollution degree	3 conforming to IEC 60947-1
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 Weight	1.77 kg
Package 1 Height	14 cm
Package 1 width	17.5 cm
Package 1 Length	20.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	32
Package 2 Weight	67.0 kg
Package 2 Height	74 cm
Package 2 width	60 cm
Package 2 Length	80 cm
Unit Type of Package 3	S03
Number of Units in Package 3	4
Package 3 Weight	7.556 kg
Package 3 Height	30 cm
Package 3 width	30 cm

Package 3 Length	40 cm
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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 Product out of China RoHS scope. Substance declaration for your information

Contractual warranty

Warranty	18 months
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