

Product datasheet

Specifications



trip unit MicroLogic 4.3 for ComPacT NSX 400/630 circuit breakers, electronic, rating 400A, 3 poles 3d

C4034V400

Main

Range	ComPacT new generation
Range of product	ComPacT NSX400...630 new generation
Product or component type	Control unit
Trip unit name	Micrologic 4.3
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX630 ComPacT new generation NSX400
Device application	Distribution
Poles description	3P
Protected poles description	3t
Trip unit protection functions	LSolR
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection R : for earth-leakage protection
Trip unit rating	400 A at 40 °C
[Ue] rated operational voltage	440 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 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	Fixed
[T_r] long-time protection delay adjustment range	11 s at 7.2 x I_r 16 s at 6 x I_r 400 s at 1.5 x I_r
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type I_{sd}	Adjustable

[I_{sd}] Short-time protection pick-up adjustment range	1.5...10 x I _r
Short-time protection delay adjustment type tsd	Fixed
[T_{sd}] Short-time protection delay adjustment range	0.02 s
Instantaneous protection pick-up adjustment type li	Fixed
[I_i] instantaneous protection pick-up adjustment range	4800 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Type A
[I_{Δn}] earth-leakage protection sensitivity adjustment range	3 A 1 A 300 mA 500 mA 5 A 10 A
Earth-leakage protection specific mode	OFF using the I _{Δn} rotary switch
Earth-leakage protection time delay adjustment type Δt	Adjustable
[Δt] Earth-leakage protection time delay adjustment range	500 ms 60 ms 1 s 150 ms 0 ms
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate LED 105 % I _r (red) for overload LED 90 % I _r (orange) for overload Color indicator (yellow) for residual current

Environment

Standards	IEC 60947-2 EN 60947-2 UL 508 NEMA AB1
Product certifications	EAC CB CCC
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60947-1
IP degree of protection	IP40 conforming to IEC 60529
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	1.864 kg
Package 1 Height	17 cm
Package 1 width	21 cm
Package 1 Length	25 cm

Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Weight	4.104 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 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 Product out of China RoHS scope. Substance declaration for your information

Contractual warranty

Warranty	18 months
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