

Product data sheet

Characteristics

C4044V400

trip unit MicroLogic 4.3 for ComPacT NSX
400/630 circuit breakers, electronic, rating
400A, 4 poles 4d



Main

Range	ComPacT new generation
Range of product	ComPacT NSX400...630 new generation
Product or component type	Trip 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	4P
Protected poles description	3D + N/2 4D 3D
Neutral position	Left
Trip unit protection functions	LSiR
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 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 $7.2 \times Ir$ 16 S at $6 \times Ir$ 400 s at $1.5 \times Ir$
Neutral protection settings	$0.5 \times Ir$ (3D + N/2) $1 \times Ir$ (4D) No protection (3D)
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable
[Isd] Short-time protection pick-up adjustment range	1.5...10 $\times Ir$
Short-time protection delay adjustment type tsd	Fixed
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	4800 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A

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Earth-leakage protection sensitivity adjustment type I Δ n	Adjustable
[I Δ n] earth-leakage protection sensitivity adjustment range	0.3 A 0.5 A 1 A 3 A 5 A 10 A
Earth-leakage protection specific mode	OFF using the I Δ n rotary switch
Earth-leakage protection time delay adjustment type Δ t	Adjustable
[Δ t] Earth-leakage protection time delay adjustment range	0 Ms 60 Ms 150 Ms 500 Ms 1 s
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 Color indicator (yellow) for residual current

Environment

Standards	EN/IEC 60947-2
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 Height	17 cm
Package 1 Width	21 cm
Package 1 Length	25 cm
Package 1 Weight	2.378 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.206 kg
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	48.648 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<input checked="" type="checkbox"/> REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<input checked="" type="checkbox"/> China RoHS Declaration
RoHS exemption information	<input checked="" type="checkbox"/> Yes
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile

Circularity Profile

 End Of Life Information

Halogen content performance

Halogen free plastic parts product
