

# Product data sheet

## Characteristics

# C4042D400

trip unit MicroLogic 2.3 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 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	3D + N/2 4D 3D
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 $7.2 \times Ir$ 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 9 settings
[ $Isd$ ] Short-time protection pick-up adjustment range	1.5...10 x $Ir$
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	Without

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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
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	14 cm
Package 1 Width	17.5 cm
Package 1 Length	20.5 cm
Package 1 Weight	1.77 kg
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.556 kg
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Height	74 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	67 kg

## 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>