# C4036E400

Trip unit MicroLogic 6.3E, ComPacT NSX400/630, 3 poles, basic and ground fault protections, energy meter, 400A rating





#### Main

Range	ComPacT new generation
Range of product	ComPacT NSX400630 new generation
Product or component type	Trip unit
Trip unit name	MicroLogic 6.3 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX400 ComPacT new generation NSX630
Device application	Distribution
Poles description	3P
Protected poles description	3D
Trip unit protection functions	LSIG
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection G : for ground fault 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

Complementary	
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[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
[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 I <sup>2</sup> t=off 0.10.4 s I <sup>2</sup> t=on
Instantaneous protection pick-up adjustment type li	Adjustable
[li] instantaneous protection pick-up adjustment range	1.512 x ln
Ground-fault protection pick-up adjustment type Ig	Adjustable
[lg] ground-fault protection pick-up adjustment range	0.41 x In for In = 40 A 0.21 x In for In > 40 A Ig enable on/off
Ground-fault protection time delay adjustment type tg	Adjustable

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[tg] ground-fault protection time delay adjustment	00.4 S I <sup>2</sup> t=off
range	0.10.4 s l <sup>2</sup> t=on
Earth-leakage protection	Without
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	Energy metering Protection and alarm settings Time-stamped histories and event tables Instantaneous and demand values Maintenance indicators Demand current and power Power quality Maximeters/minimeters
Electrical data recording	Maintenance indicators

### 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	-2570 °C
Ambient air temperature for storage	-4085 °C

### **Packing Units**

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.5 cm
Package 1 Width	17.5 cm
Package 1 Length	21.5 cm
Package 1 Weight	1.483 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	6.374 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	☐ China RoHS Declaration
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	<sup>™</sup> End Of Life Information