# C6346E630

Trip unit MicroLogic 6.3E, ComPacT NSX630, 4 poles, electronic basic and ground fault protections, energy meter, 630A





#### 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 NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D + OSN 3D
Neutral position	Left
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	630 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
[Ir] long-time protection pick-up adjustment range	250630 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
Neutral protection settings	0.5 x lr (3D + N/2) 1 x lr (4D) 1.6 x lr (3D + OSN) 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	1.510 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	1.511 x ln
Ground-fault protection pick-up adjustment type Ig	Adjustable

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[lg] ground-fault protection pick-up adjustment range	0.41 x In for In = 40 A
	0.21 x In for In > 40 A
	lg enable on/off
Ground-fault protection time delay adjustment type tg	Adjustable
[tg] ground-fault protection time delay adjustment	00.4 S I <sup>2</sup> t=off
range	0.10.4 s l²t=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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.7 cm
Package 1 Width	17.7 cm
Package 1 Length	21.5 cm
Package 1 Weight	1.825 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	7.7 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	☑ End Of Life Information	