

Product datasheet

Specifications



trip unit MicroLogic 7.3 E AL for
ComPacT NSX 400/630 circuit
breakers, electronic, rating 400A, 4
poles 4d

C4047A400

EAN Code: 3606481994332

Main

Range	ComPacT
Range of product	ComPacT NSX400...630
Product or component type	Trip unit
Trip unit name	MicroLogic 7.3 E AL
Trip unit technology	Electronic
Range compatibility	ComPacT NSX630 ComPacT NSX400
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D
Neutral position	Left
Trip unit protection functions	LSI
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit 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	160...400 A
Long-time protection delay adjustment type t _r	Adjustable
[t _r] long-time protection delay adjustment range	15...400 s at 1.5 x I _r 0.35...11 s at 7.2 x I _r 0.5...16 s at 6 x I _r
Neutral protection settings	0.5 x I _r (3D + N/2) 1 x I _r (4D) No protection (3D)
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 t_{sd}	Adjustable
[t_{sd}] Short-time protection delay adjustment range	0...0.4 s I _r ² =off 0.1...0.4 s I _r ² =on
Instantaneous protection pick-up adjustment type I_i	Adjustable
[I_i] instantaneous protection pick-up adjustment range	1.5...12 x I _n
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A
Earth-leakage protection sensitivity adjustment type I_{Δn}	Adjustable
[I_{Δn}] 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 _{Δn} rotary switch
Earth-leakage protection time delay adjustment type Δt	Adjustable
[Δt] 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 % I _r (red) for overload LED 90 % I _r (orange) for overload
Display type	LCD display
Type of measurement	Energy meter
Communication of data	Instantaneous and demand values Energy metering Protection and alarm settings Time-stamped histories and event tables Demand current and power Earth leakage current Test reports Maximeters/minimeters Power quality 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	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	17.000 cm
Package 1 Width	21.000 cm
Package 1 Length	25.000 cm
Package 1 Weight	2.386 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.146 kg

Logistical informations

Country of origin	CN
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 189

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number D505d0d6-26f1-48c0-aba7-e61f93a1232a

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

Silicone-free No

Use Longer

Lifetime extension

Updatability Yes

Use Again

Repack and remanufacture

Recyclability potential, in % 55

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins