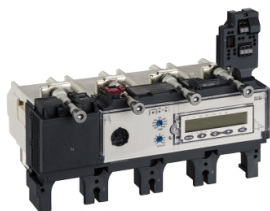


Product datasheet

Specifications



trip unit MicroLogic 6.3 A for
ComPact NSX 400/630 circuit
breakers, electronic, rating 400A, 4
poles 4d

LV432106

! Discontinued

! Discontinued on: 7 Jul 2022

Main

Range	ComPact
Range of product	ComPact NSX400...630
Product or component type	Trip unit
Trip unit name	MicroLogic 6.3 A
Trip unit technology	Electronic
Range compatibility	ComPact NSX400 ComPact NSX630
Device application	Distribution Generator
Number of poles	4P
Protected poles description	3t + N/2 3t 4t 3t + OSN
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 rated current	400 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

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	Adjustable
[tr] long-time protection delay adjustment range	15...400 s at 1.5 x Ir 0.35...11 s at 7.2 x Ir 0.5...16 s at 6 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	0...0.4 s I²t=off 0.1...0.4 s I²t=on
Instantaneous protection pick-up adjustment type li	Adjustable
[li] instantaneous protection pick-up adjustment range	1.5...11 x In Compact NSX630 1.5...12 x In Compact NSX400
Ground-fault protection pick-up adjustment type lg	Adjustable
[lg] ground-fault protection pick-up adjustment range	0.4...1 x In for In = 40 A 0.2...1 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 range	0...0.4 s I²t=off 0.1...0.4 s I²t=on
Earth-leakage protection	Without
Neutral protection settings	0.5 x Ir (3t + N/2) 1 x Ir (4t) 1.6 x Ir (3t + OSN) No protection (3t)
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	Ammeter
Communication of data	Time-stamped histories and event tables Maximeters/minimeters Demand current and power Maintenance indicators Power quality Instantaneous and demand values Energy metering Protection and alarm settings
Electrical data recording	Maintenance indicators

Environment

Standards	UL 508 EN/IEC 60947-2
Product certifications	Marine EAC CCC
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	13.5 cm

Package 1 Width	17.6 cm
Package 1 Length	21.8 cm
Package 1 Weight	1.81 kg

Contractual warranty

Warranty (in months)	18
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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 >](#)

Use Better

Materials and Substances	
EU RoHS Directive	Compliant

Use Longer

Lifetime extension	
Repair	No

Use Again

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