

Product datasheet

Specifications



trip unit - Micrologic 5.3 A - 600 A - 3 poles 3d

LV436075

Main

Range	ComPact
Range of product	ComPact NSX400...630
Product or component type	Control unit
Trip unit name	MicroLogic 5.3 A
Trip unit technology	Electronic
Range compatibility	ComPact NSX400 ComPact NSX630
Device application	Distribution Generator
Number of poles	3P
Protected poles description	3t
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 rated current	600 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 I_r (thermal protection)	Adjustable
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
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 =off 0.1...0.4 s I_r =on
Instantaneous protection pick-up adjustment type I_i	Adjustable

[Ii] instantaneous protection pick-up adjustment range	1.5...11 x In Compact NSX630 1.5...12 x In Compact NSX400
Zone selective interlocking ZSI	With
Display type	LCD display
Type of measurement	Ammeter
Communication of data	Time-stamped histories and event tables Protection and alarm settings Energy metering Instantaneous and demand values Power quality Maintenance indicators Maximeters/minimeters Demand current and power
Electrical data recording	Maintenance indicators

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	EAC CCC Marine
Pollution degree	3 conforming to IEC 60529
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

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 >](#)



Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

SCIP Number

2f58816f-3353-4612-b9dd-9acce4b9465f

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Halogen-free status

Product contains halogen above thresholds

Silicone-free

No

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

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