



## 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 NSX400 ComPact NSX630
Device application	Distribution
Number of poles	4P
Protected poles description	3t 3t + N/2 4t 3t + OSN
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 rated current	400 A at 40 °C
[Ue] rated operational voltage	440 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
[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
Instantaneous protection pick-up adjustment type Ii	Adjustable
[Ii] instantaneous protection pick-up adjustment range	4800 A Compact NSX630 1.5...12 x In Compact NSX400
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A
Earth-leakage protection sensivity adjustment type IΔn	Adjustable

[IΔn] earth-leakage protection sensitivity adjustment range	10 A 300 MA 3 A 1 A 500 MA 5 A
Earth-leakage protection specific mode	OFF using the IΔn rotary switch
Earth-leakage protection time delay adjustment type Δt	Adjustable
[Δt] Earth-leakage protection time delay adjustment range	60 Ms 0 Ms 500 Ms 1 S 150 ms
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	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	UL 508 EN 60947-2 IEC 60947-2 NEMA AB1
Product certifications	EAC CCC CB
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

Package 1 Weight	2.400 kg
Package 1 Height	17.000 cm
Package 1 width	21.500 cm
Package 1 Length	25.000 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
<b>Contractual warranty</b>	
Warranty	18 months