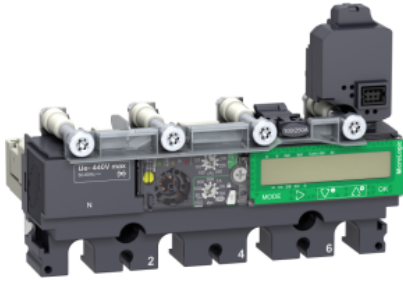# Product datasheet

Specifications

trip unit MicroLogic 7.2 E AL for ComPacT NSX 250 circuit breakers, electronic, rating 250A, 4 poles 4d

C2547A250

Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Control unit
Trip unit name	Micrologic 7.2 E AL
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX250
Device application	Distribution
Poles description	4P
Protected poles description	4t 3t 3t + N/2
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	250 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 Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	0.4...1 x In
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	3000 A
Earth-leakage protection	Integrated
Earth-leakage protection class	Type A
[IΔn] earth-leakage protection sensitivity adjustment range	500 mA 5 A 1 A 100 mA 3 A 30 mA 300 mA
Earth-leakage protection specific mode	OFF using the IΔn rotary switch
Earth-leakage protection time delay adjustement type Δt	Adjustable
[Δt] Earth-leakage protection time delay adjustment range	500 ms 150 ms 0 ms 60 ms 1 s
Zone selective interlocking ZSI	Without
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	Maximeters/minimeters Test reports Demand current and power Protection and alarm settings Instantaneous and demand values Time-stamped histories and event tables Energy metering Maintenance indicators Earth leakage current Power quality

Environment

Standards	EN 60947-2 NEMA AB1 IEC 60947-2 UL 508
Product certifications	CB CCC EAC
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 Weight	685.0 g
Package 1 Height	9.1 cm
Package 1 width	9.8 cm
Package 1 Length	14 cm
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Weight	8.42 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	80
Package 3 Weight	82.32 kg
Package 3 Height	105 cm
Package 3 width	60 cm
Package 3 Length	80 cm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

Contractual warranty

Warranty	18 months