

Product datasheet

Specifications



Circuit breaker frame, MasterPact NT06L1, 630A, 150kA/440VAC 50/60Hz (Icu), 4 poles, fixed, without control unit

47117

Price: 5,718,642.44 NGN

Main

Range	MasterPacT
Product name	MasterPact NT
Circuit breaker name	MasterPact NT06L1
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	4P
Neutral position	Left
Control unit	Without control unit
[In] rated current	630 A at 40 °C
Performance type	L1 130 kA 440 V AC
[Ue] rated operational voltage	690 V AC 50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Selectivity category	Category A
Control type	Push-button
Mounting mode	Fixed

Complementary

[Icu] rated ultimate short-circuit breaking capacity	150 kA at 220/415 V AC 50/60 Hz 130 kA at 440 V AC 50/60 Hz 100 kA at 525 V AC 50/60 Hz
[Ics] rated service breaking capacity	150 kA at 220/415 V AC 50/60 Hz 130 kA at 440 V AC 50/60 Hz 100 kA at 525 V AC 50/60 Hz
[Icw] rated short-time withstand current	10 kA 0.5 s
[Icm] rated short-circuit making capacity	330 kA 220/415 V AC at 50/60 Hz 286 kA 440 V AC at 50/60 Hz 220 kA 525 V AC at 50/60 Hz 52 kA 690 V AC at 50/60 Hz
Integrated instantaneous protection (DIN in kA peak)	5.67...6.93 kA
Sensor rating	400 A 630 A
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Power dissipation in W	45 W

Maximum breaking time	9 ms
Maximum closing response time	50 ms
Mounting support	Backplate Rails
Upside connection	Front Rear
Downside connection	Front Rear
Connection pitch	70 mm
Mechanical durability	12500 cycles without maintenance
Electrical durability	3000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 2000 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2
Height	301 mm
Width	346 mm
Depth	196 mm
Net weight	18 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-2
Product certifications	CE CCC EAC

Environment

IP degree of protection	IP30 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60664-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Operating altitude	0...2000 m without derating 2000 m...5000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	40.000 cm
Package 1 Width	40.000 cm
Package 1 Length	30.000 cm
Package 1 Weight	21.492 kg
Unit Type of Package 2	P12
Number of Units in Package 2	4
Package 2 Height	45.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	97.968 kg

Contractual warranty



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	574 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	215 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	16 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	289 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	49 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
SCIP Number	27fdc503-4522-4881-a1c6-58cfc3a5b0b0
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free plastic parts product
Silicone-free	No

Use Longer




Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

Recyclability potential, in %	70
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