

# Product datasheet

Specifications



## circuit breaker Masterpact NT06L1 - 630 A - 4 poles - drawout - w/o trip unit

47207

### 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	Drawout

### 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	115 W
Maximum breaking time	9 ms

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

<b>Maximum closing response time</b>	50 ms
<b>Mounting support</b>	Backplate Rails
<b>Upside connection</b>	Front Rear
<b>Downside connection</b>	Front Rear
<b>Connection pitch</b>	70 mm
<b>Mechanical durability</b>	12500 cycles without maintenance
<b>Electrical durability</b>	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
<b>Height</b>	322 mm
<b>Width</b>	358 mm
<b>Depth</b>	277 mm
<b>Net weight</b>	39 kg
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-2
<b>Product certifications</b>	CE CCC EAC

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	40.0 cm
<b>Package 1 Width</b>	30.0 cm
<b>Package 1 Length</b>	40.0 cm
<b>Package 1 Weight</b>	24.118 kg

## Contractual warranty

<b>Warranty (in months)</b>	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

Total lifecycle Carbon footprint	1 134 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	334 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	25 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	692 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	75 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## 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	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Halogen free plastic parts product
PVC free	Yes
Silicone-free	No

## Use Longer




### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	70
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

