

# Product data sheet

Specifications



Circuit breaker frame, MasterPact NW63H1, 6300A, 100kA/440VAC 50/60Hz (Icu), 3 poles, drawout, without control unit

48348

## Main

Range	MasterPacT
Product Name	MasterPact NW
Circuit Breaker Name	MasterPact NW63H1
Product Or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	3P
Control Unit	Without control unit
[In] Rated Current	6300 A at 40 °C
Performance Type	H1 100 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 B
Control Type	Push-button
Mounting Mode	Drawout

## Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 100 kA at 525 V AC 50/60 Hz 100 kA at 690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 100 kA at 525 V AC 50/60 Hz 100 kA at 690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	100 kA 1 s 100 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	220 kA 220/415 V AC at 50/60 Hz 220 kA 440 V AC at 50/60 Hz 220 kA 525 V AC at 50/60 Hz 220 kA 690 V AC at 50/60 Hz
Sensor Rating	3200 A 6300 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	1200 W
Maximum Breaking Time	25 ms

List Price displayed is VAT EXCLUSIVE.

<b>Maximum Closing Response Time</b>	80 ms
<b>Mounting Support</b>	Backplate Rails
<b>Upside Connection</b>	Rear
<b>Downside Connection</b>	Rear
<b>Connection Pitch</b>	230 mm
<b>Mechanical Durability</b>	10000 cycles with maintenance 5000 cycles without maintenance
<b>Electrical Durability</b>	1500 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 1500 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 AC-23A: 1500 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-23A: 1500 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3
<b>Height</b>	479 mm
<b>Width</b>	786 mm
<b>Depth</b>	395 mm
<b>Net Weight</b>	225 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>	4 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>	75.0 cm
<b>Package 1 Width</b>	75.0 cm
<b>Package 1 Length</b>	120.0 cm
<b>Package 1 Weight</b>	132.288 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

Pvc Free

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

[End of Life Information](#)