

# Product data sheet

Specifications



Circuit breaker frame, MasterPact NW32H3, 3200A, 150kA/440VAC 50/60Hz (Icu), 4 poles, drawout, without control unit

48319

## Main

Range	MasterPacT
Product Name	MasterPact NW
Circuit Breaker Name	MasterPact NW32H3
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	3200 A at 40 °C
Performance Type	H3 150 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	150 kA at 220/415 V AC 50/60 Hz 150 kA at 440 V AC 50/60 Hz 130 kA at 525 V AC 50/60 Hz 100 kA at 690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	150 kA at 220/415 V AC 50/60 Hz 150 kA at 440 V AC 50/60 Hz 130 kA at 525 V AC 50/60 Hz 100 kA at 690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	65 kA 1 s 65 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	330 kA 220/415 V AC at 50/60 Hz 330 kA 440 V AC at 50/60 Hz 286 kA 525 V AC at 50/60 Hz 220 kA 690 V AC at 50/60 Hz
Integrated Instantaneous Protection (Din In Ka Peak)	135...165 kA
Sensor Rating	1600 A 3200 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Power Dissipation In W	670 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Backplate Rails
Upside Connection	Front Rear
Downside Connection	Front Rear
Connection Pitch	115 mm
Mechanical Durability	10000 cycles without maintenance 20000 cycles with maintenance
Electrical Durability	1250 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 1250 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2
Height	439 mm
Width	556 mm
Depth	395 mm
Net Weight	120 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	4 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	30.5 cm
Package 1 Width	29.5 cm
Package 1 Length	49.5 cm
Package 1 Weight	53.251 kg

## Contractual warranty

Warranty	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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>