

Product data sheet

Specifications



circuit breaker Masterpact NT16H2T - 1600 A - 3 poles - fixed - w/o trip unit

47199

⚠ Discontinued on: Mar 31, 2021

⚠ Discontinued

Main

Range	MasterPact
Product Name	MasterPact NT
Circuit Breaker Name	MasterPact NT16H2
Product Or Component Type	Basic frame
Poles Description	3P
[In] Rated Current	1600 A at 40 °C
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Suitability For Isolation	Yes conforming to IEC 60947-2
Selectivity Category	Category A
Control Type	Push-button
Mounting Mode	Fixed

Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	42 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 42 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	42 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 42 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 220/415 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] Rated Short-Time Withstand Current	10 kA 0.5 s conforming to IEC 60947-2 10 kA 1 s conforming to IEC 60947-2
[Icm] Rated Short-Circuit Making Capacity	88 kA 525 V AC at 50/60 Hz 88 kA 690 V AC at 50/60 Hz 105 kA 220/415 V AC at 50/60 Hz 105 kA 440 V AC at 50/60 Hz
Integrated Instantaneous Protection (Din In Ka Peak)	81...99 kA
Sensor Rating	1600 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	12 kV conforming to IEC 60947-2
Maximum Breaking Time	25 ms
Maximum Closing Response Time	50 ms
Connection Pitch	70 mm

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

Mechanical Durability	12500 cycles without maintenance conforming to IEC 60947-2
Electrical Durability	3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
Height	301 mm
Width	276 mm
Depth	196 mm
Standards	IEC 60947-2
Product Certifications	ASEFA LCIE

Environment

Pollution Degree	3 conforming to IEC 60664-1
Ambient Air Temperature For Operation	-25...70 °C
Ambient Air Temperature For Storage	-40...85 °C

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-CO₂ 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 >](#)



RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Pvc Free

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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 www.P65Warnings.ca.gov