Product datasheet

Specifications





circuit breaker Masterpact NT06H2 - 630 A - 3 poles - fixed - w/o trip unit

47113

(!) Discontinued

Main

Range	MasterPacT
Product Name	MasterPact NT
Circuit Breaker Name	MasterPact NT06H2
Product Or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	3P
Control Unit	Without control unit
[In] Rated Current	630 A at 40 °C
Performance Type	H2 50 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	Fixed

Complementary

[Icu] Rated Ultimate Short-Circuit	50 kA at 220/415 V AC 50/60 Hz
Breaking Capacity	50 kA at 440 V AC 50/60 Hz
	42 kA at 525 V AC 50/60 Hz
	42 kA at 690 V AC 50/60 Hz
[Ics] Rated Service Breaking	42 kA at 220/415 V AC 50/60 Hz
Capacity	42 kA at 440 V AC 50/60 Hz
	50 kA at 525 V AC 50/60 Hz
	50 kA at 690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand	42 kA 0.5 s
Current	42 kA 1 s
	20 kA 3 s
[Icm] Rated Short-Circuit Making	105 kA 220/415 V AC at 50/60 Hz
Capacity	105 kA 440 V AC at 50/60 Hz
	88 kA 525 V AC at 50/60 Hz
	88 kA 690 V AC at 50/60 Hz
Integrated Instantaneous Protection (Din In Ka Peak)	8199 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 Maximum Breaking Time Maximum Closing Response Time Mounting Support Upside Connection Downside Connection Connection Pitch Mechanical Durability Electrical Durability Height Width Depth	30 W 25 ms 50 ms Backplate Rails Front Rear Front Rear 70 mm 12500 cycles without maintenance 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2
Maximum Closing Response Time Mounting Support Upside Connection Downside Connection Connection Pitch Mechanical Durability Electrical Durability Height Width	50 ms Backplate Rails Front Rear Font Rear 70 mm 12500 cycles without maintenance
Mounting Support Upside Connection Downside Connection Connection Pitch Mechanical Durability Electrical Durability Height Width	Backplate Rails Front Rear Front Rear 70 mm 12500 cycles without maintenance
Upside Connection Downside Connection Connection Pitch Mechanical Durability Electrical Durability Height Width	Rails Front Rear Front Rear 70 mm 12500 cycles without maintenance
Downside Connection Connection Pitch Mechanical Durability Electrical Durability Height	Rear Front Rear 70 mm 12500 cycles without maintenance
Connection Pitch Mechanical Durability Electrical Durability Height Width	Rear 70 mm 12500 cycles without maintenance
Mechanical Durability Electrical Durability Height Width	12500 cycles without maintenance
Electrical Durability Height Width	
- Height Width	6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2
Width	3000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3
	301 mm
Depth	276 mm
	196 mm
Net Weight	14 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-2
Product Certifications	

Environment

Ip Degree Of Protection	IP30 conforming to IEC 60529
Pollution Degree	3 conforming to IEC 60664-1
Ambient Air Temperature For Operation	-2570 °C
Ambient Air Temperature For Storage	-4085 °C
Operating Altitude	02000 m without derating 2000 m5000 m with derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	25.0 cm
Package 1 Width	40.0 cm
Package 1 Length	40.0 cm
Package 1 Weight	15.69 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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 >



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