# **Product datasheet**





Circuit breaker frame, MasterPact NW40bH1, 4000A, 100kA/440VAC 50/60Hz(Icu), 4P, right Neutral, drawout, no control unit

48333

### Main

Range	MasterPacT
Product Name	MasterPact NW
Circuit Breaker Name	MasterPact NW40bH1
Product Or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	4P
Neutral Position	Right
Control Unit	Without control unit
[In] Rated Current	4000 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

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
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
100 kA 1 s
100 kA 3 s
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
2000 A
4000 A
1000 V AC 50/60 Hz
12 kV
550 W

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Maximum Breaking Time	25 ms
Maximum Closing Response Time	80 ms
Mounting Support	Backplate Rails
Upside Connection	Rear
Downside Connection	Rear
Connection Pitch	230 mm
Mechanical Durability	10000 cycles with maintenance 5000 cycles without maintenance
Electrical Durability	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
Height	479 mm
Width	1016 mm
Depth	395 mm
Net Weight	300 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	-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	60.0 cm
Package 1 Width	120.0 cm
Package 1 Length	50.0 cm
Package 1 Weight	133.326 kg

### **Contractual warranty**

Warranty 18 months



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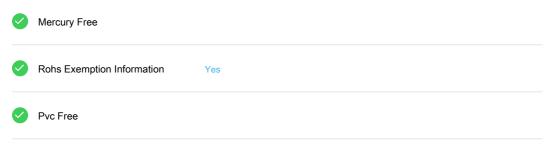
Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance



#### **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