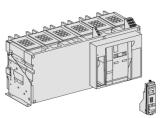
# **Product datasheet**

Specification





## circuit breaker Masterpact NW40bH2 - 4000 A - 4 poles fixed - w/o trip unit

48110

#### Main

Range	MasterPacT	
Product Name	MasterPact NW	
Circuit Breaker Name	MasterPact NW40bH2	
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	4000 A at 40 °C	
Performance Type	H2 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	Fixed	

### Complementary

[Icu] Rated Ultimate Short-Circuit	150 kA at 220/415 V AC 50/60 Hz
Breaking Capacity	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	150 kA at 220/415 V AC 50/60 Hz
Capacity	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	100 kA 1 s
Current	100 kA 3 s
[Icm] Rated Short-Circuit Making	330 kA 220/415 V AC at 50/60 Hz
Capacity	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)	243297 kA
Sensor Rating	2000 A
	4000 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV

Power Dissipation In W	390 W
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	352 mm
Width	997 mm
Depth	297 mm
Net Weight	160 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	on 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	50.0 cm
Package 1 Length	120.0 cm
Package 1 Weight	145.13 kg

## **Contractual warranty**

Warranty 12 months



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Guide to assess a product's sustainability >





Transparency RoHS/REACh

#### Well-being performance

<b>②</b>	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