# **Product datasheet**

Specifications



Circuit breaker frame, MasterPact NW12H1, 1250A, 65kA/440VAC 50/60Hz (Icu), 3 poles, drawout, without control unit

48259

#### Main

Range	MasterPacT	
product name	MasterPact NW	
Circuit breaker name	MasterPact NW12H1	
Product or component type	Circuit breaker	
Device application	Power distribution protection	
Poles description	3P	
Control unit	Without control unit	
[In] rated current	1250 A at 40 °C	
Performance type	H1 65 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	65 kA at 220/415 V AC 50/60 Hz 65 kA at 440 V AC 50/60 Hz 65 kA at 525 V AC 50/60 Hz 65 kA at 690 V AC 50/60 Hz	
[Ics] rated service breaking capacity	65 kA at 220/415 V AC 50/60 Hz 65 kA at 440 V AC 50/60 Hz 65 kA at 525 V AC 50/60 Hz 65 kA at 690 V AC 50/60 Hz	
[Icw] rated short-time withstand current	65 kA 1 s 36 kA 3 s	
[Icm] rated short-circuit making capacity	143 kA 220/415 V AC at 50/60 Hz 143 kA 440 V AC at 50/60 Hz 143 kA 525 V AC at 50/60 Hz 143 kA 690 V AC at 50/60 Hz	
Sensor rating	630 A 1250 A	
[Ui] rated insulation voltage	1000 V AC 50/60 Hz	
[Uimp] rated impulse withstand voltage	12 kV	
Power dissipation in W	230 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	12500 cycles without maintenance 25000 cycles with maintenance	
Electrical durability	10000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 AC-23A: 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/ IEC 60947-3 AC-23A: 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/ IEC 60947-3 AC-33: 6000 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	439 mm	
Width	441 mm	
Depth	395 mm	
Net weight	90 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	30.5 cm
Package 1 Width	29.5 cm
Package 1 Length	37.5 cm
Package 1 Weight	47.036 kg

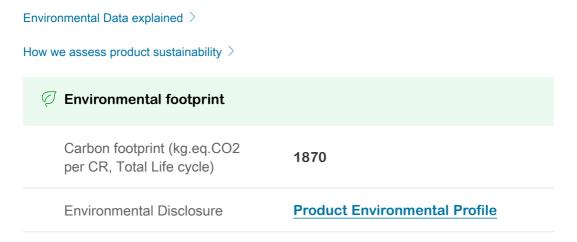
### **Contractual warranty**

Warranty

18 months

# Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.



#### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	6a3c1e0b-44cb-4a11-80eb- a083722777c1
REACh Regulation	<b>REACh Declaration</b>
China RoHS Regulation	China RoHS declaration
PVC free	Yes
Silicon free	No

## **Use Again**

⑦ Repack and remanufacture		
End of Life Information		
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins		
Product contains halogen above thresholds		
Νο		