

# Product datasheet

Specifications



circuit breaker Masterpact NW25H1  
- 2500 A - 3 poles - drawout - w/o  
trip unit (Planned discontinuation  
end of 2025, has been replaced by  
LV948300)

Local distributor code:

387344968

48300

EAN Code: 3303430483007

## Main

Range	MasterPacT
Product name	MasterPact NW
Circuit breaker name	MasterPact NW25H1
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	3P
Control unit	Without control unit
[In] rated current	2500 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 65 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	1250 A 2500 A
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Power dissipation in W	600 W

<b>Maximum breaking time</b>	25 ms
<b>Maximum closing response time</b>	70 ms
<b>Mounting support</b>	Backplate Rails
<b>Upside connection</b>	Front Rear
<b>Downside connection</b>	Front Rear
<b>Connection pitch</b>	115 mm
<b>Mechanical durability</b>	10000 cycles without maintenance 20000 cycles with maintenance
<b>Electrical durability</b>	5000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 2500 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 AC-23A: 5000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-23A: 2500 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
<b>Height</b>	439 mm
<b>Width</b>	441 mm
<b>Depth</b>	395 mm
<b>Net weight</b>	90 kg
<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-2
<b>Product certifications</b>	CE CCC EAC

## Environment

<b>IP degree of protection</b>	IP30 conforming to IEC 60529
<b>Pollution degree</b>	4 conforming to IEC 60664-1
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Operating altitude</b>	0...2000 m without derating 2000 m...5000 m with derating

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	30.500 cm
<b>Package 1 Width</b>	29.500 cm
<b>Package 1 Length</b>	37.500 cm
<b>Package 1 Weight</b>	48.421 kg

## Logistical informations

<b>Country of origin</b>	FR
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## Contractual warranty

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**Warranty**

18 months



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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint	3894
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	6a3c1e0b-44cb-4a11-80eb-a083722777c1
REACH Regulation	<a href="#">REACH Declaration</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	No

## Use Again

### Repack and remanufacture

Recyclability potential, in %	69
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins