

Product datasheet

Specifications



circuit breaker Masterpact NW32H2
- 3200 A - 3 poles - fixed - w/o trip
unit (Planned discontinuation end of
2025, has been replaced by
LV948083)

Local distributor code:

387344269

48083

EAN Code: 3303430480839

Main

Range	MasterPacT
Product name	MasterPact NW
Circuit breaker name	MasterPact NW32H2
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	3P
Control unit	Without control unit
[In] rated current	3200 A at 40 °C
Performance type	H2 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	Fixed

Complementary

[Icu] rated ultimate short-circuit breaking capacity	100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 85 kA at 525 V AC 50/60 Hz 85 kA at 690 V AC 50/60 Hz
[Ics] rated service breaking capacity	100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 85 kA at 525 V AC 50/60 Hz 85 kA at 690 V AC 50/60 Hz
[Icw] rated short-time withstand current	85 kA 1 s 75 kA 3 s
[Icm] rated short-circuit making capacity	220 kA 220/415 V AC at 50/60 Hz 187 kA 440 V AC at 50/60 Hz 187 kA 525 V AC at 50/60 Hz 187 kA 690 V AC at 50/60 Hz
Integrated instantaneous protection (DIN in kA peak)	171...209 kA
Sensor rating	1600 A 3200 A
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV

Power dissipation in W	420 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	10000 cycles without maintenance 20000 cycles with maintenance
Electrical durability	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
Height	352 mm
Width	422 mm
Depth	297 mm
Net weight	50 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	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Operating altitude	0...2000 m without derating 2000 m...5000 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	47.252 kg

Logistical informations

Country of origin	FR
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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.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 2672

Environmental Disclosure [Product Environmental Profile](#)

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

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 6a3c1e0b-44cb-4a11-80eb-a083722777c1

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free Yes


Silicone-free No

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

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