



### Main

Range	MasterPacT
Product name	MasterPact NW
Circuit breaker name	MasterPact NW16H10
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	3P
Control unit	Without control unit
[In] rated current	1600 A at 40 °C
Performance type	H10 50 kA 1150 V AC
[Ue] rated operational voltage	1150 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	50 kA at 1150 V AC 50/60 Hz
[Ics] rated service breaking capacity	50 kA at 1150 V AC 50/60 Hz
[Icw] rated short-time withstand current	50 kA 1 s 50 kA 3 s
[Icm] rated short-circuit making capacity	105 kA 1150 V AC at 50/60 Hz
Sensor rating	800 A 1600 A
[Ui] rated insulation voltage	1250 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Maximum breaking time	25 ms
Maximum closing response time	70 ms
Mounting support	Backplate Rails
Upside connection	Rear
Downside connection	Rear
Connection pitch	115 mm
Mechanical durability	12500 Cycles without maintenance 25000 cycles with maintenance
Electrical durability	500 cycles 1150 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2
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[RETURN]CCC[RETURN]EAC






## Environment

IP degree of protection	IP30 conforming to IEC 60529
Pollution degree	3 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	0.1 cm
Package 1 Width	0.1 cm
Package 1 Length	0.2 cm
Package 1 Weight	47.0 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

Warranty	18 months
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