

circuit breaker Masterpact NT16H2 - 1600 A - 4 poles - drawout - w/o trip unit (Planned discontinuation end of 2025, has been replaced by LV947247)

Local distributor code: 391537143

3 47247

EAN Code: 3303430472476

Main

Range	MasterPacT
Product name	MasterPact NT
Circuit breaker name	MasterPact NT16H2
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	1600 A at 40 °C
Performance type	H2 50 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

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[lcu] rated ultimate short-circuit	50 kA at 220/415 V AC 50/60 Hz
breaking capacity	50 kA at 440 V AC 50/60 Hz
	42 kA at 525 V AC 50/60 Hz
	42 kA at 690 V AC 50/60 Hz
[Ics] rated service breaking	42 kA at 220/415 V AC 50/60 Hz
capacity	42 kA at 440 V AC 50/60 Hz
	50 kA at 525 V AC 50/60 Hz
	50 kA at 690 V AC 50/60 Hz
[lcw] rated short-time withstand current	42 kA 0.5 s
	42 kA 1 s
	20 kA 3 s
[lcm] rated short-circuit making	105 kA 220/415 V AC at 50/60 Hz
capacity	105 kA 440 V AC at 50/60 Hz
	88 kA 525 V AC at 50/60 Hz
	88 kA 690 V AC at 50/60 Hz
Integrated instantaneous protection (DIN in kA peak)	8199 kA
Sensor rating	800 A
	1600 A

[Ui] rated insulation voltage	1000 V AC 50/60 Hz		
[Uimp] rated impulse withstand voltage	12 kV		
Power dissipation in W	460 W		
Maximum breaking time	25 ms		
Maximum closing response time	50 ms		
Mounting support	Backplate Rails		
Upside connection	Front Rear		
Downside connection	Front Rear		
Connection pitch	70 mm		
Mechanical durability	12500 cycles without maintenance		
Electrical durability	6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3		
Height	322 mm		
Width	358 mm		
Depth	277 mm		
Net weight	39 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	3 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	40.0 cm
Package 1 Width	40.0 cm
Package 1 Length	30.0 cm
Package 1 Weight	17.828 kg

Logistical informations

Country of origin FR

Contractual warranty

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	2992
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	27fdc503-4522-4881-a1c6-58cfc3a5b0b0
REACh Regulation	REACh Declaration
Halogen-free status	Halogen free plastic parts product
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