

circuit breaker Masterpact NT06H1 - 630 A - 4 poles - drawout - w/o trip unit

47205

Main

Range	MasterPacT	
Product name	MasterPact NT	
Circuit breaker name	MasterPact NT06H1	
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	630 A at 40 °C	
Performance type	H1 42 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

[lcu] rated ultimate short-circuit breaking capacity	42 kA at 220/415 V AC 50/60 Hz 42 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 capacity	42 kA at 220/415 V AC 50/60 Hz 42 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	
[Icw] rated short-time withstand current	42 kA 0.5 s 42 kA 1 s 24 kA 3 s	
[lcm] rated short-circuit making capacity	88 kA 220/415 V AC at 50/60 Hz 88 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	
Sensor rating	400 A 630 A	
[Ui] rated insulation voltage	1000 V AC 50/60 Hz	
[Uimp] rated impulse withstand voltage	12 kV	
Power dissipation in W	55 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

Contractual warranty

Warranty 12 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	811
Environmental Disclosure	Product Environmental Profile

Use Better

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