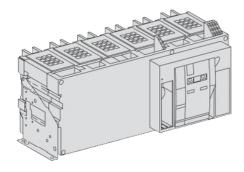
48106

Circuit breaker frame, MasterPact NW40bH1, 4000A, 100kA/440VAC 50/60Hz (Icu), 3 poles, fixed, without control unit





Main

Range	MasterPacT
Product name	MasterPact NW
Circuit breaker name	MasterPact NW40bH1
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	3P
Control unit	Without control unit
[In] rated current	4000 A at 40 °C
Performance type	H1 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

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 100 KA at 525 V AC 50/60 Hz 100 kA at 690 V AC 50/60 Hz
[lcs] rated service breaking capacity	100 KA at 220/415 V AC 50/60 Hz 100 KA at 440 V AC 50/60 Hz 100 KA at 525 V AC 50/60 Hz 100 kA at 690 V AC 50/60 Hz
[lcw] rated short-time withstand current	100 KA 1 s 100 kA 3 s
[lcm] rated short-circuit making capacity	220 KA 220/415 V AC at 50/60 Hz 220 KA 440 V AC at 50/60 Hz 220 KA 525 V AC at 50/60 Hz 220 kA 690 V AC at 50/60 Hz
Sensor rating	2000 A 4000 A
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Power dissipation in W	390 W
Maximum breaking time	25 ms
Maximum closing response time	80 ms
Mounting support	Backplate Rails
Upside connection	Rear
Downside connection	Rear
Connection pitch	230 mm
Mechanical durability	10000 Cycles with maintenance 5000 cycles without maintenance

Electrical durability	1500 Cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2
	1500 Cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC
	60947-2
	AC-23A: 1500 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/ IEC 60947-3
	AC-23A: 1500 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	767 mm
Depth	297 mm
Net weight	120 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	4 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	75.0 cm
Package 1 Width	75.0 cm
Package 1 Length	120.0 cm
Package 1 Weight	133.412 kg
Offer Sustainability	
Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	☑ China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☑ End Of Life Information
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 www.P65Warnings.ca.gov
Contractual warranty	
Warranty	18 months