

circuit breaker basic frame, Masterpact MTZ2 40H1, 4000 A, 66 kA at 440 VAC 50/60 Hz, 4P, drawout, without Micrologic

LV848327

EAN Code: 3606480809071

Main

Range	MasterPacT	
Product name	MasterPact MTZ2	
Device short name	MTZ2 40 H1	
Product or component type	Circuit breaker	
Device application	Power distribution protection	
Poles description	4P	
Neutral position	Left	
Control unit	Without control unit	
Product compatibility	control unit MicroLogic 2.0 X control unit MicroLogic 5.0 X control unit MicroLogic 6.0 X control unit MicroLogic 7.0 X control unit MicroLogic 2.0 Xi control unit MicroLogic 5.0 Xi control unit MicroLogic 6.0 Xi control unit MicroLogic 7.0 Xi	
[In] rated current	4000 A at 40 °C	
Performance type	H1 66 kA 415 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

[Icu] rated ultimate short-circuit	66 kA at 220/415 V AC 50/60 Hz	
breaking capacity	66 kA at 440 V AC 50/60 Hz	
	66 kA at 500/525 V AC 50/60 Hz	
	66 kA at 660/690 V AC 50/60 Hz	
[Ics] rated service breaking	66 kA at 220/415 V AC 50/60 Hz	
capacity	66 kA at 440 V AC 50/60 Hz	
	66 kA at 500/525 V AC 50/60 Hz	
	66 kA at 660/690 V AC 50/60 Hz	
[lcw] rated short-time withstand	66 kA 0.5 s	
current	66 kA 1 s	
	66 kA 3 s	
[Icm] rated short-circuit making	145 kA 220/415 V AC at 50/60 Hz	
capacity	145 kA 440 V AC at 50/60 Hz	
	145 kA 500/525 V AC at 50/60 Hz	
	145 kA 660/690 V AC at 50/60 Hz	

Sensor rating	2000 A	
•	2500 A	
	3200 A	
	4000 A	
	4000 A	
[Ui] rated insulation voltage	1000 V AC 50/60 Hz	
[Uimp] rated impulse withstand	12 kV	
voltage		
Power dissipation in W	900 W	
Maximum breaking time	25 ms	
Maximum closing response time	70 ms	
Mounting support	Rails	
	Base plate	
Upside connection	Front	
	Rear	
Downside connection	Front	
	Rear	
Connection pitch	150 mm	
	150 11111	
Mechanical durability	20000 cycles with periodic preventive maintenance	
Electrical durability	AC-3: 6000 cycles 440/690 V AC 50/60 Hz conforming to EN/IEC 60947-3	
	2500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2	
	5000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-2	
	AC-23A: 2500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3	
	AC-23A: 5000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3	
Height	Drawout circuit breaker with chassis: 439 mm	
	Drawout circuit breaker without chassis: 300 mm	
Width	Drawout circuit breaker with chassis: 556 mm	
	Drawout circuit breaker without chassis: 493 mm	
Depth	Drawout circuit breaker with chassis: 403 mm	
	Drawout circuit breaker without chassis: 300 mm	
Net weight	120 kg	
Standards	EN/IEC 60947-1	
	EN/IEC 60947-2	
	EN/IEC 60947-2 Annex H	
	IEC 61557-12	
Product certifications	CE	
	IECEE CB Scheme	

Environment

IP degree of protection	IP30 conforming to EN 60529	
Pollution degree	3 conforming to IEC 60947-1	
Ambient air temperature for operation	-2570 °C	
Ambient air temperature for storage	-4085 °C	
Operating altitude	02000 m without derating 20005000 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	49.5 cm

Package 1 Weight 54.133 kg

Logistical informations

Country of origin

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	5883
Environmental Disclosure	Product Environmental Profile

Use Better

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	F31d8a4d-e9cb-4afc-bf2c-5965742ce772
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