Circuit breaker Masterpact MTZ2 12H1, 1250 A, 3P fixed, without Micrologic

LV848029

EAN Code: 3606480808258

Main

Range	MasterPacT
product name	MasterPact MTZ2
Device short name	MTZ2 12 H1
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	3P
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	1250 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	Fixed

Complementary

[Icu] rated ultimate short-circuit breaking capacity	66 kA at 220/415 V AC 50/60 Hz 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 capacity	66 kA at 220/415 V AC 50/60 Hz 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
[Icw] rated short-time withstand current	66 kA 0.5 s 66 kA 1 s 36 kA 3 s
[Icm] rated short-circuit making capacity	145 kA 220/415 V AC at 50/60 Hz 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	630 A
	800 A
	1000 A
	1250 A
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Power dissipation in W	100 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	115 mm
Mechanical durability	25000 cycles with periodic preventive maintenance
Electrical durability	10000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
	10000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2
	AC-23A: 10000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3
	AC-23A: 10000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3
	AC-3: 6000 cycles 440/690 V AC 50/60 Hz conforming to EN/IEC 60947-3
Height	352 mm
Width	422 mm
Depth	300 mm
Net weight	50 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	-25…70 °C
Ambient air temperature for storage	-40…85 °C
Operating altitude	0...2000 m without derating
	2000...5000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.5 cm
Package 1 Width	30.5 cm
Package 1 Length	37.5 cm
Package 1 Weight	47.252 kg

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Logistical informations

Country of origin　　　　　FR

Contractual warranty

Warranty　　　　　18 months

🌀 Environmental Data

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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**999**
Environmental Disclosure	**Product Environmental Profile**

Use Better

🍃 Materials and Substances

Recycled metal content at CR level	**0**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**F31d8a4d-e9cb-4afc-bf2c-5965742ce772**
REACh Regulation	**REACh Declaration**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**Yes**
Silicon free	**No**

Use Again

↻ Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**
WEEE	🗙 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**