

Product datasheet

Specifications



circuit breaker, Masterpact MTZ2 08N2, 800A, 3P drawout, without Micrologic

LV865389

! Discontinued

Main

Range	MasterPact
Product name	MasterPact MTZ2
Device short name	MTZ2 08 N2
Product or component type	Circuit breaker
Device application	Power distribution protection
Poles description	3P
Control type	Without control unit
[In] rated current	800 A at 40 °C
Breaking capacity code	N2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Selectivity category	Category B
Control type	Push-button
Mounting mode	Drawout

Complementary

Breaking capacity	50 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	50 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2
Sensor rating	800 A
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
Mounting support	Rails Base plate
Upside connection	Front Rear
Downside connection	Front Rear
Mechanical durability	25000 cycles with periodic preventive maintenance conforming to IEC 60947-2
Height	Drawout circuit breaker without chassis: 300 mm Drawout circuit breaker with chassis: 439 mm
Width	Drawout circuit breaker without chassis: 378 mm Drawout circuit breaker with chassis: 441 mm

Depth	Drawout circuit breaker without chassis: 300 mm Drawout circuit breaker with chassis: 403 mm
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Standards	IEC 60947-2 IEC 60364-8-1
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Environment

Pollution degree	3 conforming to IEC 60947-1
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Ambient air temperature for operation	-25...70 °C
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Ambient air temperature for storage	-40...85 °C
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	1.0 cm
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Package 1 Width	1.0 cm
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Package 1 Length	1.0 cm
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Package 1 Weight	0.1 kg
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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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No