

Product data sheet

Specifications



Circuit breaker, MasterPacT MTZ1, UL 489, max 800A rated, 3 pole, drawout mount, LF breaking cap, 600VAC, w/o Micrologic trip unit

LV839115

Main

Product name	MasterPact MTZ1
Device short name	MTZ1 08 LF
Product or component type	Circuit breaker
Device application	Protection
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	LF

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Base plate Rails
[In] rated current	800 A 104 °F (40 °C)
Circuit breaker CT rating	800 A
performance level	200 kA Icu 240 V AC 60 Hz UL 489 100 kA Icu 480 V AC 60 Hz UL 489
Mechanical durability	10000 cycles ANSI C37.50
Electrical durability	1000 cycles ANSI C37.50
Connection pitch	2.8 in (70 mm)
[Icw] rated short-time withstand current	10 kA 0.5 s UL 489
Integral instant protection	19.8...24.2 kA
Rated breaking and making capacity	22 kA
Maximum breaking time	9 ms
Maximum closing response time	50 ms
Height	12.7 in (322 mm)
Width	11.07 in (281.2 mm)
Depth	10.9 in (277.9 mm)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Contractual warranty

Warranty (in months)	18
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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 >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No