

Product data sheet

Specifications



Circuit breaker, MasterPacT MTZ1, UL 489, max 1600A rated, 3 pole, fixed mount, H breaking cap, 600VAC, w/o Micrologic trip unit

LV839112

Main

Product name	MasterPact MTZ1
Device short name	MTZ1 16 H
Product or Component Type	Circuit breaker
Device Application	Protection
Poles description	3P
Network type	AC
Network Frequency	50/60 Hz
Breaking capacity code	H

Complementary

Control Type	Push-button
Mounting Mode	Fixed
Mounting Support	Base plate Rails
Line Rated Current	1600 A 104 °F (40 °C)
Circuit breaker CT rating	1600 A
performance level	65 kA Icu 240 V AC 60 Hz UL 489 50 kA Icu 480 V AC 60 Hz UL 489 50 kA Icu 600 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	35 kA 0.5 s UL 489
Integral instant protection	81...99 kA
Rated breaking and making capacity	55 kA
Maximum breaking time	25...30 ms
Maximum closing response time	50 ms
Height	11.8 in (300.5 mm)
Width	10.9 in (276.2 mm)
Depth	8.2 in (209 mm)

Ordering and shipping details

GTIN	3606489420260
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

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