

Product data sheet

Specifications



Circuit breaker, MasterPacT MTZ3, UL 489, max 5000A rated, 3 pole, drawout mount, H breaking cap, 600VAC, w/o Micrologic trip unit, w/ ArcBlok

LV839300

Main

Product name	MasterPact MTZ3
Device short name	MTZ3 50 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	Drawout
Mounting support	Base plate Rails
[In] rated current	5000 A 104 °F (40 °C)
Circuit breaker CT rating	5000 A
performance level	100 kA Icu 240 V AC 50/60 Hz UL 489 100 kA Icu 480 V AC 50/60 Hz UL 489 85 kA Icu 600 V AC 50/60 Hz UL 489
Mechanical durability	5000 cycles ANSI C37.50
Electrical durability	1000 cycles ANSI C37.50
Connection pitch	9.06 in (230 mm)
[Icw] rated short-time withstand current	85 kA 0.5 s UL 489
Integral instant protection	153...187 kA
Rated breaking and making capacity	90 kA
Maximum breaking time	25...30 ms
Maximum closing response time	70 ms
Height	18.8 in (478.1 mm)
Width	31.07 in (789.1 mm)
Depth	16.8 in (426.8 mm)

Packing Units

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

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