

Product data sheet

Specifications



Circuit breaker, MasterPacT MTZ2, UL 489, max 1600A rated, 3 pole, drawout mount, L breaking cap, 600VAC, w/ ArcBlok

LV839153

! Discontinued

! Discontinued on: Dec 31, 2023

! End-of-service on: Mar 28, 2024

Main

Product name	MasterPact MTZ2
Device short name	MTZ2 16 L
Product or component type	Circuit breaker
Device application	Protection
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	L

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Base plate Rails
[In] rated current	1600 A 104 °F (40 °C)
Circuit breaker CT rating	1600 A
performance level	200 kA Icu 240 V AC 50/60 Hz UL 489 150 kA Icu 480 V AC 50/60 Hz UL 489 100 kA Icu 600 V AC 50/60 Hz UL 489
Mechanical durability	12500 cycles ANSI C37.50
Electrical durability	2800 cycles ANSI C37.50
Connection pitch	4.5 in (115 mm)
[Icw] rated short-time withstand current	30 kA 0.5 s UL 489
Integral instant protection	72...88 kA
Rated breaking and making capacity	55 kA
Maximum breaking time	9 ms
Maximum closing response time	70 ms
Height	17.3 in (438.8 mm)
Width	17.5 in (444.3 mm)
Depth	16.8 in (426.8 mm)

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
Number of Units in Package 1	1
Package 1 Height	0.0004 in (0.001 cm)
Package 1 Width	0.0004 in (0.001 cm)
Package 1 Length	0.0004 in (0.001 cm)
Package 1 Weight	0.002 lb(US) (0.001 kg)

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