

Product data sheet

Specifications



Circuit breaker, MasterPacT MTZ3, ANSI, max 5000A rated, 3 pole, fixed mount, H3 breaking cap, 635VAC, w/o Micrologic trip unit

LV839030

Main

Product name	MasterPact MTZ3
Device short name	MTZ3 50 H3
Product or component type	Circuit breaker
Device application	Protection
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	H3

Complementary

Control type	Push-button
Mounting mode	Fixed
Mounting support	Base plate Rails
[In] rated current	5000 A 104 °F (40 °C)
Circuit breaker CT rating	4000 A
performance level	100 kA Icu 254 V AC 50/60 Hz ANSI C37.50 100 kA Icu 508 V AC 50/60 Hz ANSI C37.50 85 kA Icu 635 V AC 50/60 Hz ANSI C37.50
Mechanical durability	12500 cycles ANSI C37.50
Electrical durability	2800 cycles ANSI C37.50
Connection pitch	9.06 in (230 mm)
[Icw] rated short-time withstand current	85 kA 0.5 s ANSI C37.50
Integral instant protection	171...209 kA
Rated breaking and making capacity	170 kA
Maximum breaking time	25...30 ms
Maximum closing response time	70 ms
Height	13.9 in (352.2 mm)
Width	30.2 in (767 mm)
Depth	11.7 in (297.7 mm)

Packing Units

Unit Type of Package 1	PCE
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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

Number of Units in Package 1	1
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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