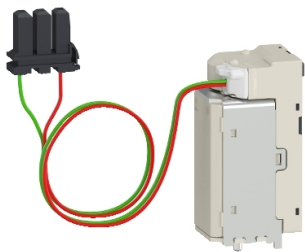


Product datasheet

Specifications



MN opening undervoltage release,
MasterPacT MTZ1/MTZ2/MTZ3
fixed with MicroLogic Active, 48VAC
50/60Hz, 48/60VDC

LV947381

Main

Maximum response time	45 ms on opening for MasterPacT MTZ1 95 ms on opening for MasterPacT MTZ2 95 ms on opening for MasterPacT MTZ3
Range	MasterPacT
Device short name	MN
Product or component type	Undervoltage release
Device application	Safety
Range compatibility	MasterPacT MTZ1 Active circuit breaker MasterPacT MTZ2 Active circuit breaker MasterPacT MTZ3 Active circuit breaker
Voltage release type	Instantaneous

Complementary

Control type	Standard
[Un] voltage power supply	48 V AC 50/60 Hz 48...60 V DC
Threshold tripping voltage	0.35...0.7 Un opening 0.85 Un closing
Holding power consumption	4.5 W
Circuit breaker mounting mode	Fixed

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2 cm
Package 1 Width	1 cm
Package 1 Length	2 cm
Package 1 Weight	10 g

Contractual warranty

Warranty (in months)	18
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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



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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	174 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	12 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	162 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	Fb7b4f31-e2d2-4b8c-a9f0-9a1e2c43da19
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	68
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

