

Product data sheet

Specifications



Switch disconnecter, MasterPact MTZ1 12HA, 1250A, 75kA/690VAC 50/60Hz (Icm), 4P, fixed

LV847166

Main

Range	MasterPact
Product or Component Type	Switch disconnecter
Device Application	Distribution
Switch-disconnector name	MasterPact MTZ1 12 HA
Poles description	4P
Network type	AC
Network Frequency	50/60 Hz

Complementary

Control Type	Push-button
Mounting Mode	Fixed
Upside connection	Front
Downside connection	Front
[Ue] rated operational voltage	690 V AC 50/60 Hz EN/IEC 60947-3
[Ie] rated operational current	1250 A AC 50/60 Hz 690 V
[Ui] rated insulation voltage	1000 V AC 50/60 Hz EN/IEC 60947-3
[Uimp] rated impulse withstand voltage	12 kVEN/IEC 60947-3
[Icw] rated short-time withstand current	20 kA 3 s EN/IEC 60947-3 36 kA 0.5 s EN/IEC 60947-3 36 kA 1 s
[Icm] rated short-circuit making capacity	75 kA peak 220...690 V AC 50/60 Hz
Utilisation category	AC-23A AC-3
performance level	HA
Suitability for isolation	Yes EN/IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	12500 cycles with periodic preventive maintenance EN/IEC 60947-3
Electrical durability	AC-23A 6000 cycles 440 V AC 50/60 Hz EN/IEC 60947-3 AC-23A 3000 cycles 690 V AC 50/60 Hz EN/IEC 60947-3 AC-3 6000 cycles 440 V AC 50/60 Hz EN/IEC 60947-3
Connection pitch	2.8 in (70 mm)
Height	11.9 in (301 mm)
Width	13.6 in (346 mm)

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

Depth	8.2 in (209 mm)
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Environment

Net Weight	39.7 lb(US) (18 kg)
Standards	EN/IEC 60947-3
Product Certifications	IECEE CB Scheme
IP degree of protection	IP30
Pollution degree	3 EN/IEC 60947-4-1
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

GTIN	3606480815164
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	16.1 in (41.0 cm)
Package 1 Width	15.4 in (39.0 cm)
Package 1 Length	11.8 in (30.0 cm)
Package weight(Lbs)	42.421 lb(US) (19.242 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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	981 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	179 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	18 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	729 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	51 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
EU RoHS Directive	Compliant with Exemptions
SCIP Number	44ce05ea-25e9-435c-886d-b1162ae4666b
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	73
Circularity Profile	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.