

# Product datasheet

Specifications



## Switch disconnecter, MasterPact MTZ2 16HA10, 1600A, 105kA/ 1150VAC 50/60Hz (Icm), 3P, fixed

LV847263

### Main

Range	MasterPact
Product or component type	Switch disconnecter
Device application	Distribution
Switch-disconnector name	MasterPact MTZ2 16 HA10
Poles description	3P
Network type	AC
Network frequency	50/60 Hz

### Complementary

Control type	Push-button
Mounting mode	Fixed
[Ue] rated operational voltage	1150 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Ie] rated operational current	1600 A AC 50/60 Hz 1150 V
[Ui] rated insulation voltage	1250 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Uimp] rated impulse withstand voltage	12 kV conforming to EN/IEC 60947-3
[Icw] rated short-time withstand current	50 kA during 1 s conforming to EN/IEC 60947-3 50 kA during 3 s conforming to EN/IEC 60947-3
[Icm] rated short-circuit making capacity	105 kA peak 1150 V AC at 50/60 Hz
Utilisation category	AC-23A AC-3
performance level	HA10
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	25000 cycles with periodic preventive maintenance conforming to EN/IEC 60947-3
Electrical durability	AC-23A: 500 cycles 1150 V AC 50/60 Hz conforming to EN/IEC 60947-3
Connection pitch	115 mm
Height	352 mm
Width	422 mm
Depth	300 mm

### Environment

Product weight	50 kg
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<b>Standards</b>	EN/IEC 60947-3
<b>Product certifications</b>	IECEE CB Scheme
<b>IP degree of protection</b>	IP30
<b>Pollution degree</b>	3 conforming to EN/IEC 60947-4-1
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	100.0 cm
<b>Package 1 Width</b>	60.0 cm
<b>Package 1 Length</b>	100.0 cm
<b>Package 1 Weight</b>	80.0 kg

## Contractual warranty

<b>Warranty (in months)</b>	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	1 376 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	314 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	8 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	944 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	103 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## 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
SCIP Number	F31d8a4d-e9cb-4afc-bf2c-5965742ce772
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	No

## Use Longer




### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	71
End of life manual availability	<a href="#">End of Life Information</a>
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

