

# Product datasheet

Specifications



## switch disconnecter MasterPact MTZ2 20 HA, 2000 A, 4 poles, fixed

LV848068

EAN Code: 3606480815690

### Main

Range	MasterPact
Product or component type	Switch disconnecter
Device application	Distribution
Switch-disconnector name	MasterPact MTZ2 20 HA
Poles description	4P
Network type	AC
Network frequency	50/60 Hz

### Complementary

Control type	Push-button
Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Ie] rated operational current	2000 A AC 50/60 Hz 690 V
[Ui] rated insulation voltage	1000 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	36 kA during 3 s conforming to EN/IEC 60947-3 66 kA during 1 s conforming to EN/IEC 60947-3
[Icm] rated short-circuit making capacity	145 kA peak 220...690 V AC at 50/60 Hz
Utilisation category	AC-23A AC-3
Breaking capacity	66 kA Icu at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	66 kA at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2
performance level	HA
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	20000 cycles with periodic preventive maintenance conforming to EN/IEC 60947-3
Electrical durability	AC-23A: 8000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-23A: 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-3: 6000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-3: 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3
Connection pitch	115 mm
Height	352 mm

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<b>Width</b>	537 mm
<b>Depth</b>	300 mm

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## Environment

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<b>Net weight</b>	65 kg
<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

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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	29.5 cm
<b>Package 1 Width</b>	30.5 cm
<b>Package 1 Length</b>	49.5 cm
<b>Package 1 Weight</b>	47.27 kg

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## Logistical informations

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<b>Country of origin</b>	FR
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## Contractual warranty

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<b>Warranty</b>	18 months
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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 1899

Environmental Disclosure [Product Environmental Profile](#)

## 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 F31d8a4d-e9cb-4afc-bf2c-5965742ce772

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free Yes

Silicone-free No

## Use Again

### Repack and remanufacture

Recyclability potential, in % 71

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