



## Main

Range	Masterpact
Product or component type	Switch disconnecter
Device application	Distribution
Switch-disconnector name	Masterpact MTZ1 16 HA
Poles description	3P
Network type	AC
Network frequency	50/60 Hz

## Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Chassis
Upside connection	Front
Downside connection	Front
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
[Ie] rated operational current	1600 A AC 50/60 Hz 690 V
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	12 KV conforming to IEC 60947-3
[Icw] rated short-time withstand current	20 KA during 3 s conforming to IEC 60947-3 36 KA during 0.5 s conforming to IEC 60947-3 36 KA during 1 s conforming to IEC 60947-3
[Icm] rated short-circuit making capacity	75 KA peak 220...690 V AC at 50/60 Hz
Utilisation category	AC-23A AC-3
Breaking capacity code	HA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	12500 Cycles with maintenance conforming to IEC 60947-3
Electrical durability	AC-23A: 6000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 AC-23A: 3000 cycles 690 V AC 50/60 Hz conforming to IEC 60947-3 AC-3: 6000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3
Connection pitch	70 Mm
Height	Chassis alone: 322 mm
Width	Chassis alone: 288 mm
Depth	Chassis alone: 266 mm

## Environment

Net weight	30 Kg
Standards	EN/IEC 60947-3
Product certifications	IECEE CB Scheme
IP degree of protection	IP30
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**