



Main

Range	Masterpact
Product or component type	Switch disconnecter
Device application	Distribution
Switch-disconnector name	Masterpact MTZ1 16 HA
Poles description	4P
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
[U _e] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
[I _e] rated operational current	1600 A AC 50/60 Hz 690 V
[U _i] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-3
[U _{imp}] rated impulse withstand voltage	12 KV conforming to IEC 60947-3
[I _{cw}] 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
[I _{cm}] 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: 358 mm
Depth	Chassis alone: 266 mm

Environment

Net weight	39 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	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

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