



Main

Range	Masterpact
Product or component type	Switch disconnector
Device application	Distribution
Switch-disconnector name	Masterpact MTZ3 50 HA
Poles description	3P
Network type	AC
Network frequency	50/60 Hz

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Chassis
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Ie] rated operational current	5000 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	85 kA during 1 s conforming to EN/IEC 60947-3 85 kA during 3 s conforming to EN/IEC 60947-3
[Icm] rated short-circuit making capacity	187 kA peak 220...690 V AC at 50/60 Hz
Utilisation category	AC-23A AC-3
Breaking capacity	85 kA Icu at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	85 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	10000 cycles with periodic preventive maintenance conforming to EN/IEC 60947-3
Electrical durability	AC-23A: 1500 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-23A: 1500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3
Connection pitch	230 mm
Height	479 mm
Width	786 mm
Depth	403 mm

Environment

Net weight	225 kg
Standards	EN/IEC 60947-3
Product certifications	IECEE CB Scheme
IP degree of protection	IP30
Pollution degree	3 conforming to EN/IEC 60947-4-1
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	 Yes
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>
PVC free	Yes

## Contractual warranty

Warranty	18 months
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