LV846440

Circuit breaker Masterpact MTZ1 16H3 - 1600 A - 3P fixed - w/o Micrologic

Green Premium™ Product

Main

Range	Masterpact
Product name	Masterpact MTZ1
Device short name	MTZ1 16 H3
Product or component type	Circuit breaker
Device application	Protection
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	H3
Suitability for isolation	Yes conforming to IEC 60947-2
Selectivity category	Category B

Complementary

Control type	Push-button
Mounting mode	Fixed
Mounting support	Base plate Rails
[In] rated current	1600 A at 40 °C
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-2
[Icm] rated short-circuit making capacity	145 KA 220/415 V AC at 50/60 Hz 145 kA 440 V AC at 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Circuit breaker CT rating	1600 A 630 A 1250 A 400 A 800 A 1000 A
Performance level	66 KA Icu at 220...415 V AC 50/60 Hz conforming to IEC 60947-2 66 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	50 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 220...415 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	10000 cycles with periodic preventive maintenance conforming to IEC 60947-2
[Icw] rated short-time withstand current	30 KA 3 s conforming to IEC 60947-2 50 KA 1 s conforming to IEC 60947-2 50 kA 0.5 s conforming to IEC 60947-2
Maximum breaking time	25 ms
Maximum closing response time	50 ms
Height	301 mm
Width	276 mm
Depth	209.5 mm

Environment

Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	15 kg
Package 1 Height	30 cm
Package 1 width	30 cm
Package 1 Length	40 cm

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

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