

Product data sheet

Characteristics

LV846459

Circuit breaker Masterpact MTZ1 10H3 - 1000 A - 4P drawout - w/o Micrologic



Main

Range	Masterpact
Product name	Masterpact MTZ1
Device short name	MTZ1 10 H3
Product or component type	Circuit breaker
Device application	Protection
Poles description	4P
Neutral position	Left
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	Drawout
Mounting support	Rails Base plate
[In] rated current	1000 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	1000 A 630 A 400 A 800 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	Drawout circuit breaker without chassis: 259.5 mm Drawout circuit breaker with chassis: 322 mm
Width	Drawout circuit breaker without chassis: 306.5 mm Drawout circuit breaker with chassis: 358 mm
Depth	Drawout circuit breaker without chassis: 207.5 mm Drawout circuit breaker with chassis: 266 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	15 kg
Package 1 Height	40 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