

# Product data sheet

## Characteristics

LV848739

Circuit breaker Masterpact MTZ2 20H10 - 2000  
A - 4P drawout - w/o Micrologic



### Main

Range	Masterpact
Product name	Masterpact MTZ2
Device short name	MTZ2 20 H10
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	H10
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	2000 A at 40 °C
[Ui] rated insulation voltage	1250 V AC 50/60 Hz conforming to IEC 60947-2
[Uiimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-2
[Icm] rated short-circuit making capacity	105 kA 1150 V AC at 50/60 Hz
[Ue] rated operational voltage	1150 V AC 50/60 Hz conforming to IEC 60947-2
Circuit breaker CT rating	2000 A
Performance level	50 kA Icu at 1150 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	50 kA at 1150 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 cycles with periodic preventive maintenance conforming to IEC 60947-2
Electrical durability	500 cycles 1150 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	115 mm
[Icw] rated short-time withstand current	50 KA 1 s conforming to IEC 60947-2 50 KA 0.5 s conforming to IEC 60947-2 50 kA 3 s
Maximum breaking time	25 ms
Maximum closing response time	70 ms
Height	Drawout circuit breaker without chassis: 300 mm Drawout circuit breaker with chassis: 439 mm
Width	Drawout circuit breaker without chassis: 493 mm Drawout circuit breaker with chassis: 556 mm
Depth	Drawout circuit breaker without chassis: 300 mm Drawout circuit breaker with chassis: 403 mm

### Environment

Standards	IEC 60947-2 IEC 60364-8-1
Product certifications	IECEE CB Scheme
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	 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