



### Main

Range	Masterpact
Product name	Masterpact MTZ1
Device short name	MTZ1 08 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 IEC 60947-2
Selectivity category	Category B

### Complementary

Control type	Push-button
Mounting mode	Fixed
Mounting support	Rails Base plate
Line Rated Current	800 A 104 °F (40 °C)
[Ui] rated insulation voltage	1000 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	12 kVIEC 60947-2
[Icm] rated short-circuit making capacity	145 KA 220/415 V AC 50/60 Hz 145 kA 440 V AC 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz IEC 60947-2
Circuit breaker CT rating	630 A 400 A 800 A
Performance level	66 KA Icu 220...415 V AC 50/60 Hz IEC 60947-2 66 kA Icu 440 V AC 50/60 Hz IEC 60947-2
[Ics] rated service breaking capacity	50 KA 440 V AC 50/60 Hz IEC 60947-2 50 KA 220...415 V AC 50/60 Hz IEC 60947-2
Mechanical durability	10000 cycles with periodic preventive maintenance IEC 60947-2
[Icw] rated short-time withstand current	30 KA 3 s IEC 60947-2 50 KA 1 s IEC 60947-2 50 kA 0.5 s IEC 60947-2
Maximum breaking time	25 ms
Maximum closing response time	50 ms
Height	11.85 in (301 mm)
Width	10.87 in (276 mm)
Depth	8.25 in (209.5 mm)

### Environment

Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)

## Ordering and shipping details

GTIN	03606481155306
Nbr. of units in pkg.	1
Package weight(Lbs)	33.07 lb(US) (15 kg)

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	11.81 in (30 cm)
Package 1 width	11.81 in (30 cm)
Package 1 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: DINP and DIDP which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
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>