



### Main

Range	Masterpact
Product name	Masterpact MTZ2
Device short name	MTZ2 16 H2
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	H2
Suitability for isolation	Yes conforming to IEC 60947-2
Selectivity category	Category B

### Complementary

Control type	Push-button
Mounting mode	Fixed
Mounting support	Rails Base plate
[In] rated current	1600 A ( 104 °F (40 °C) )
[Ui] rated insulation voltage	1000 V conforming to IEC 60947-2 AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-2
[Icm] rated short-circuit making capacity	220 kA peak at 220/415 V AC 50/60 Hz 220 kA peak at 440 V AC 50/60 Hz 187 kA peak at 500/525 V AC 50/60 Hz 187 kA peak at 660/690 V AC 50/60 Hz
System Voltage	690 V conforming to IEC 60947-2 AC 50/60 Hz
Circuit breaker CT rating	1600 A
Performance level	100 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 100 kA Icu conforming to IEC 60947-2 at 220/415 V AC 50/60 Hz

	85 kA Icu conforming to IEC 60947-2 at 500/525 V AC 50/60 Hz 85 kA Icu conforming to IEC 60947-2 at 660/690 V AC 50/60 Hz
[Ics] rated service breaking capacity	Ics 100 kA conforming to IEC 60947-2 at 220/415 V AC 50/60 Hz Ics 100 kA conforming to IEC 60947-2 at 440 V AC 50/60 Hz Ics 85 kA conforming to IEC 60947-2 at 500/525 V AC 50/60 Hz Ics 85 kA conforming to IEC 60947-2 at 660/690 V AC 50/60 Hz
Mechanical durability	25000 cycles with periodic preventive maintenance conforming to IEC 60947-2
Electrical durability	10000 cycles conforming to IEC 60947-2 at 690 V AC 50/60 Hz 10000 cycles conforming to IEC 60947-3 at 690 V AC 50/60 Hz AC-23A: 10000 cycles conforming to IEC 60947-2 at 440 V AC 50/60 Hz 10000 cycles conforming to IEC 60947-3 at 440 V AC 50/60 Hz AC-23A: 6000 cycles conforming to IEC 60947-3 at 440/690 V AC 50/60 Hz AC-3:
Connection pitch	4.53 in (115 mm)
[Icw] rated short-time withstand current	85 kA ( 0.5 s ) conforming to IEC 60947-2 50 kA ( 3 s ) conforming to IEC 60947-2 85 kA ( 1 s ) conforming to IEC 60947-2
Integral instant protection	171...209 kA
Maximum breaking time	25 ms
Closing response time	<= 70 ms
Height	13.86 in (352 mm)
Width	21.14 in (537 mm)
Depth	11.81 in (300 mm)

## Environment

Standards	IEC 60364-8-1 IEC 60947-2
Product certifications	ASEFA
Pollution degree	3 conforming to 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)

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1649 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Available