



### Main

Range	Masterpact
Product name	Masterpact MTZ2
Device short name	MTZ2 12 H1
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	H1
Suitability for isolation	Yes conforming to IEC 60947-2
Selectivity category	Category B

### Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Base plate Rails
[In] rated current	1250 A ( 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	145 kA peak at 220/415 V AC 50/60 Hz 145 kA peak at 440 V AC 50/60 Hz 145 kA peak at 500/525 V AC 50/60 Hz 145 kA peak at 660/690 V AC 50/60 Hz
[Ue] rated operational voltage	690 V conforming to IEC 60947-2 AC 50/60 Hz
Circuit breaker CT rating	1250 A
Performance level	66 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 66 kA Icu conforming to IEC 60947-2 at 220/415 V AC 50/60 Hz

	66 kA Icu conforming to IEC 60947-2 at 500/525 V AC 50/60 Hz 66 kA Icu conforming to IEC 60947-2 at 660/690 V AC 50/60 Hz
[Ics] rated service breaking capacity	Ics 66 kA conforming to IEC 60947-2 at 220/415 V AC 50/60 Hz Ics 66 kA conforming to IEC 60947-2 at 440 V AC 50/60 Hz Ics 66 kA conforming to IEC 60947-2 at 500/525 V AC 50/60 Hz Ics 66 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	115 mm
[Icw] rated short-time withstand current	66 kA ( 0.5 s ) conforming to IEC 60947-2 66 kA ( 1 s ) conforming to IEC 60947-2 36 kA ( 3 s ) conforming to IEC 60947-2
Maximum breaking time	25 ms
Closing response time	<= 70 ms
Height	300 mm drawout circuit breaker without chassis 439 mm drawout circuit breaker with chassis
Width	493 mm drawout circuit breaker without chassis 556 mm drawout circuit breaker with chassis
Depth	300 mm drawout circuit breaker without chassis 403 mm drawout circuit breaker with chassis

## Environment

Standards	IEC 60947-2 IEC 60364-8-1
Product certifications	ASTA
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
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 <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available <a href="#">End of Life Information</a>