



Main

Range	Masterpact
Product name	Masterpact MTZ2
Device short name	MTZ2 10 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	Base plate Rails
[In] rated current	1000 A (40 °C)
[Ui] rated insulation voltage	1250 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	105 kA peak at 1150 V AC 50/60 Hz
[Ue] rated operational voltage	1150 V conforming to IEC 60947-2 AC 50/60 Hz
Circuit breaker CT rating	1000 A
Performance level	50 kA Icu conforming to IEC 60947-2 at 1150 V AC 50/60 Hz
[Ics] rated service breaking capacity	Ics 50 kA conforming to IEC 60947-2 at 1150 V AC 50/60 Hz
Mechanical durability	25000 cycles with periodic preventive maintenance conforming to IEC 60947-2

Electrical durability	500 cycles conforming to IEC 60947-2 at 1150 V AC 50/60 Hz
Connection pitch	115 mm
[Icw] rated short-time withstand current	50 kA (0.5 s) conforming to IEC 60947-2 50 kA (3 s) 50 kA (1 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	ASEFA
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 Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information