



### Main

Range	Masterpact
Product name	Masterpact MTZ2
Device short name	MTZ2 12 H
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	H

### Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Base plate Rails
[In] rated current	1250 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
System Voltage	240...600 V AC 50/60 Hz
Circuit breaker CT rating	1250 A
Performance level	100 kA at 240 V AC 50/60 Hz 100 kA at 480 V AC 50/60 Hz 85 kA at 600 V AC 50/60 Hz
Mechanical durability	25000 cycles with periodic preventive maintenance conforming to IEC 60947-2
Connection pitch	4.53 in (115 mm)
[Icw] rated short-time withstand current	65 kA ( 1 s ) conforming to IEC 60947-2
Integral instant protection	40 kA
Maximum breaking time	30 ms
Closing response time	<= 70 ms
Height	11.81 in (300 mm) drawout circuit breaker without chassis 17.28 in (439 mm) drawout circuit breaker with chassis

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	493 mm drawout circuit breaker without chassis 21.89 in (556 mm) drawout circuit breaker with chassis
Depth	11.81 in (300 mm) drawout circuit breaker without chassis 403 mm drawout circuit breaker with chassis

## Environment

Standards	UL 489
IP degree of protection	IP30
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)