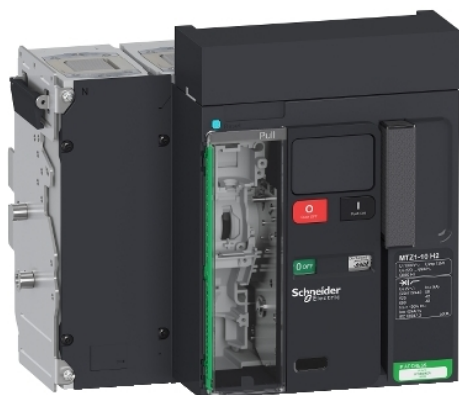




Main

Range	Masterpact
Product name	Masterpact MTZ1
Device short name	MTZ1 10 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 IEC 60947-2
Selectivity category	Category B

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Rails Base plate
Line Rated Current	1000 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	105 KA 220/415 V AC 50/60 Hz 105 KA 440 V AC 50/60 Hz 88 KA 500/525 V AC 50/60 Hz 88 KA 660/690 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 1000 A 800 A
Performance level	50 KA Icu 220/415 V AC 50/60 Hz IEC 60947-2 50 KA Icu 440 V AC 50/60 Hz IEC 60947-2 42 KA Icu 500/525 V AC 50/60 Hz IEC 60947-2 42 KA Icu 660/690 V AC 50/60 Hz IEC 60947-2
[Ics] rated service breaking capacity	50 KA 220/415 V AC 50/60 Hz IEC 60947-2 50 KA 440 V AC 50/60 Hz IEC 60947-2 42 KA 500/525 V AC 50/60 Hz IEC 60947-2 42 KA 660/690 V AC 50/60 Hz IEC 60947-2
Mechanical durability	12500 cycles with periodic preventive maintenance IEC 60947-2
Electrical durability	3000 Cycles 690 V AC 50/60 Hz IEC 60947-2 6000 Cycles 440 V AC 50/60 Hz IEC 60947-2 AC-23A 3000 cycles 690 V AC 50/60 Hz IEC 60947-3 AC-23A 6000 cycles 440 V AC 50/60 Hz IEC 60947-3 AC-3 6000 cycles 440 V AC 50/60 Hz IEC 60947-3
Connection pitch	2.76 in (70 mm)
[Icw] rated short-time withstand current	42 KA 0.5 s IEC 60947-2 42 KA 1 s IEC 60947-2 24 KA 3 s IEC 60947-2
Integral instant protection	81...99 kA
Maximum breaking time	25 ms
Maximum closing response time	50 ms

Height	Drawout circuit breaker without chassis 10.22 in (259.5 mm) Drawout circuit breaker with chassis 12.68 in (322 mm)
Width	Drawout circuit breaker without chassis 12.07 in (306.5 mm) Drawout circuit breaker with chassis 14.09 in (358 mm)
Depth	Drawout circuit breaker without chassis 8.17 in (207.5 mm) Drawout circuit breaker with chassis 10.47 in (266 mm)

Environment

Standards	IEC 60947-2 IEC 60364-8-1
Product certifications	LCIE ASEFA
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	03606480816222
------	----------------

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 www.p65warnings.ca.gov
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information