Product data sheet

Specification





Circuit breaker frame, MasterPact MTZ2 25H10 drawout for MicroLogic X, 2500A, 50kA/1150VAC (Icu), 3P

LV848730

Main

Range	MasterPacT	
Product Name	MasterPact MTZ2	
Device Short Name	MTZ2 25 H10	
Product Or Component Type	Circuit breaker	
Device Application	Power distribution protection	
Poles Description	3P	
Control Unit	Without control unit	
Product Compatibility	control unit MicroLogic 2.0 X control unit MicroLogic 5.0 X control unit MicroLogic 6.0 X control unit MicroLogic 7.0 X control unit MicroLogic 2.0 Xi control unit MicroLogic 5.0 Xi control unit MicroLogic 6.0 Xi control unit MicroLogic 6.0 Xi control unit MicroLogic 7.0 Xi	
Line Rated Current	2500 A 104 °F (40 °C)	
Performance Type	H10 50 kA 1150 V AC	
[Ue] Rated Operational Voltage	1150 V AC 50/60 Hz	
Suitability For Isolation	Yes EN/IEC 60947-2	
Selectivity Category	Category B	
Control Type	Push-button	
Mounting Mode	Drawout	

Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	50 kA 1150 V AC 50/60 Hz	
[Ics] Rated Service Breaking Capacity	50 kA 1150 V AC 50/60 Hz	
[lcw] Rated Short-Time Withstand Current	50 kA 1 s 50 kA 0.5 s 50 kA 3 s	
[Icm] Rated Short-Circuit Making Capacity	105 kA 1150 V AC 50/60 Hz	
Sensor Rating	1250 A 1600 A 2000 A 2500 A	
[Ui] Rated Insulation Voltage	1250 V AC 50/60 Hz	
[Uimp] Rated Impulse Withstand Voltage	12 kV	
Power Dissipation In W	600 W	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Rails Base plate
Upside Connection	Rear
Downside Connection	Rear
Connection Pitch	4.53 in (115 mm)
Mechanical Durability	20000 cycles with periodic preventive maintenance
Electrical Durability	500 cycles 1150 V AC 50/60 Hz EN/IEC 60947-2
Height	Drawout circuit breaker with chassis 17.28 in (439 mm) Drawout circuit breaker without chassis 11.81 in (300 mm)
Width	Drawout circuit breaker with chassis 17.36 in (441 mm) Drawout circuit breaker without chassis 14.88 in (378 mm)
Depth	Drawout circuit breaker with chassis 15.87 in (403 mm) Drawout circuit breaker without chassis 11.81 in (300 mm)
Net Weight	198.42 lb(US) (90 kg)
Standards	EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-2 Annex H IEC 61557-12
Product Certifications	CE IECEE CB Scheme

Environment

Ip Degree Of Protection	IP30 conforming to EN 60529
Pollution Degree	3 IEC 60947-1
Ambient Air Temperature For Operation	-13158 °F (-2570 °C)
Ambient Air Temperature For Storage	-40185 °F (-4085 °C)
Operating Altitude	06561.68 ft (02000 m) without derating 20005000 m with derating

Ordering and shipping details Gtin 3606480809378

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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	0.04 in (0.1 cm)
Package 1 Width	0.04 in (0.1 cm)
Package 1 Length	0.08 in (0.2 cm)
Package 1 Weight	0.04 oz (1.0 g)



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Transparency RoHS/REACh

Well-being performance



Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov