Product data sheet

Specifications





Circuit breaker frame, MasterPact MTZ2 12H1 drawout for MicroLogic X, 1250A, 66kA/ 415VAC (Icu), 4P

LV848266

Main

Range	MasterPacT
Product Name	MasterPact MTZ2
Device Short Name	MTZ2 12 H1
Product Or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	4P
Neutral Position	Left
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	1250 A 104 °F (40 °C)
Performance Type	H1 66 kA 415 V AC
[Ue] Rated Operational Voltage	690 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	66 kA 220/415 V AC 50/60 Hz 66 kA 440 V AC 50/60 Hz 66 kA 500/525 V AC 50/60 Hz 66 kA 660/690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	66 kA 220/415 V AC 50/60 Hz 66 kA 440 V AC 50/60 Hz 66 kA 500/525 V AC 50/60 Hz 66 kA 660/690 V AC 50/60 Hz
[lcw] Rated Short-Time Withstand Current	66 kA 0.5 s 66 kA 1 s 36 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	145 kA 220/415 V AC 50/60 Hz 145 kA 440 V AC 50/60 Hz 145 kA 500/525 V AC 50/60 Hz

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

145 kA 660/690 V AC 50/60 Hz

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Sensor Rating	630 A
	800 A
	1000 A
	1250 A
[Hi] Poted Insulation Voltage	4000 V 400 F0/00 V
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	230 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Rails
	Base plate
	Date plate
Upside Connection	Front
	Rear
Downside Connection	French
Downside Connection	Front
	Rear
Connection Pitch	4.53 in (115 mm)
Mechanical Durability	25000 cycles with periodic preventive maintenance
Electrical Durability	10000 cycles 440 V AC 50/60 Hz EN/IEC 60947-2
	10000 cycles 690 V AC 50/60 Hz EN/IEC 60947-2
	AC-23A 10000 cycles 440 V AC 50/60 Hz EN/IEC 60947-3
	AC-23A 10000 cycles 690 V AC 50/60 Hz EN/IEC 60947-3
	AC-3 6000 cycles 440/690 V AC 50/60 Hz EN/IEC 60947-3
Height	Drawout circuit breaker with chassis 17.28 in (439 mm)
rioigiit	Drawout circuit breaker with chassis 17.20 in (435 min) Drawout circuit breaker without chassis 11.81 in (300 mm)
Width	Drawout circuit breaker with chassis 21.89 in (556 mm)
	Drawout circuit breaker without chassis 19.41 in (493 mm)
Depth	Drawout circuit breaker with chassis 15.87 in (403 mm)
2000.	Drawout circuit breaker without chassis 13.81 in (300 mm)
	Drawout on oak proaker without on about 11.01 iii (ood 11iii)
Net Weight	264.55 lb(US) (120 kg)
Standards	EN/IEC 60947-1
	EN/IEC 60947-2
	EN/IEC 60947-2 Annex H
	IEC 61557-12
Product Certifications	OF.
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	IEOEE OD SCHEINE

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 3606480808777

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Package 1 Height	11.61 in (29.5 cm)
Package 1 Width	12.01 in (30.5 cm)
Package 1 Length	19.49 in (49.5 cm)
Package 1 Weight	105.06 lb(US) (47.654 kg)

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

Ø	Mercury Free	
②	Rohs Exemption Information	Yes
	Pvc Free	

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