

Product data sheet

Specifications



Circuit breaker frame, MasterPact MTZ3 40H2 fixed for MicroLogic X, 4000A, 150kA/415VAC (Icu), 4P

LV848110

Main

Range	MasterPacT
Product Name	MasterPact MTZ3
Device Short Name	MTZ3 40 H2
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 7.0 Xi
Line Rated Current	4000 A 104 °F (40 °C)
Performance Type	H2 150 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	Fixed

Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	150 kA 220/415 V AC 50/60 Hz 150 kA 440 V AC 50/60 Hz 130 kA 500/525 V AC 50/60 Hz 100 kA 660/690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	150 kA 220/415 V AC 50/60 Hz 150 kA 440 V AC 50/60 Hz 130 kA 500/525 V AC 50/60 Hz 100 kA 660/690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	100 kA 0.5 s 100 kA 1 s 100 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	330 kA 220/415 V AC 50/60 Hz 330 kA 440 V AC 50/60 Hz 286 kA 500/525 V AC 50/60 Hz 220 kA 660/690 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.

Integrated Instantaneous Protection (Din In Ka Peak)	243...297 kA
Sensor Rating	2000 A 2500 A 3200 A 4000 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	260 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	80 ms
Mounting Support	Rails Base plate
Upside Connection	Rear
Downside Connection	Rear
Connection Pitch	9.06 in (230 mm)
Mechanical Durability	10000 cycles with periodic preventive maintenance
Electrical Durability	AC-3 6000 cycles 440/690 V AC 50/60 Hz EN/IEC 60947-3 1500 cycles 440 V AC 50/60 Hz EN/IEC 60947-2 1500 cycles 690 V AC 50/60 Hz EN/IEC 60947-2 AC-23A 1500 cycles 440 V AC 50/60 Hz EN/IEC 60947-3 AC-23A 1500 cycles 690 V AC 50/60 Hz EN/IEC 60947-3
Height	13.86 in (352 mm)
Width	39.25 in (997 mm)
Depth	11.81 in (300 mm)
Net Weight	352.74 lb(US) (160 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	-13...158 °F (-25...70 °C)
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Operating Altitude	0...6561.68 ft (0...2000 m) without derating 2000...5000 m with derating

Ordering and shipping details

Gtin	3606480823985
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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	23.62 in (60.0 cm)

Package 1 Width	19.69 in (50.0 cm)
Package 1 Length	47.24 in (120.0 cm)
Package 1 Weight	319.96 lb(US) (145.13 kg)

Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓	Mercury Free	
✓	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