# Product data sheet

Specifications





# Circuit breaker frame, MasterPact MTZ2 32H1 fixed for MicroLogic X, 3200A, 66kA/415VAC (Icu), 3P

LV848082

#### Main

Range	MasterPacT	
Product Name	MasterPact MTZ2	
Device Short Name	MTZ2 32 H1	
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 7.0 Xi	
Line Rated Current	3200 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	Fixed	

### Complementary

[lou] Botod Illtimoto Short Circuit	00 14 000/445 1/ 40 50/00 11-	
[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	66 kA 220/415 V AC 50/60 Hz	
Capacity	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	
[Icw] Rated Short-Time Withstand	66 kA 0.5 s	
Current	66 kA 1 s	
	66 kA 3 s	
[Icm] Rated Short-Circuit Making	145 kA 220/415 V AC 50/60 Hz	
Capacity	145 kA 440 V AC 50/60 Hz	
	145 kA 500/525 V AC 50/60 Hz	
	145 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.

Sensor Rating	1600 A
	2000 A
	2500 A
	3200 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	420 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Rails
	Base plate
Upside Connection	
Opside Connection	Front
	Rear
Downside Connection	Front
	Rear
Connection Pitch	4.53 in (115 mm)
Mechanical Durability	20000 cycles with periodic preventive maintenance
Electrical Durability	AC-3 6000 cycles 440/690 V AC 50/60 Hz EN/IEC 60947-3
	2500 cycles 690 V AC 50/60 Hz EN/IEC 60947-2
	5000 cycles 440 V AC 50/60 Hz EN/IEC 60947-2
	AC-23A 2500 cycles 690 V AC 50/60 Hz EN/IEC 60947-3
	AC-23A 5000 cycles 440 V AC 50/60 Hz EN/IEC 60947-3
Height	13.86 in (352 mm)
Width	16.61 in (422 mm)
Depth	11.81 in (300 mm)
Net Weight	110.23 lb(US) (50 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

3606480808470

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.01 in (30.5 cm)

Package 1 Width	11.61 in (29.5 cm)
Package 1 Length	14.76 in (37.5 cm)
Backage 1 Weight	

Package 1 Weight

104.17 lb(US) (47.252 kg)

# Sustainability Screen

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> products.

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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