

Circuit breaker frame, MasterPact MTZ2 16N1 drawout for MicroLogic X, 1600A, 42kA/415VAC (Icu), 3P

LV848272

Main

Range	MasterPacT
Product Name	MasterPact MTZ2
Device Short Name	MTZ2 16 N1
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
[In] Rated Current	1600 A at 40 °C
Performance Type	N1 42 kA 415 V AC
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Suitability For Isolation	Yes conforming to EN/IEC 60947-2
Selectivity Category	Category B
Control Type	Push-button
Mounting Mode	Drawout

Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	42 kA at 220/415 V AC 50/60 Hz 42 kA at 440 V AC 50/60 Hz 42 kA at 500/525 V AC 50/60 Hz 42 kA at 660/690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	42 kA at 220/415 V AC 50/60 Hz 42 kA at 440 V AC 50/60 Hz 42 kA at 500/525 V AC 50/60 Hz 42 kA at 660/690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	42 kA 0.5 s 42 kA 1 s 22 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	88 kA 220/415 V AC at 50/60 Hz 88 kA 440 V AC at 50/60 Hz 88 kA 500/525 V AC at 50/60 Hz

88 kA 660/690 V AC at 50/60 Hz

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Sensor Rating	800 A
	1000 A
	1250 A
	1600 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	480 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Rails
meaning cappoin	Base plate
	Dase plate
Upside Connection	Front
•	Rear
	1.00.
Downside Connection	Front
	Rear
Connection Pitch	115 mm
AA - Is - is - I Down billion	
Mechanical Durability	25000 cycles with periodic preventive maintenance
Electrical Durability	10000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
	10000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2
	10000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2
Height	Drawout circuit breaker with chassis: 439 mm
G	Drawout circuit breaker without chassis: 300 mm
	Drawout Great Dreaker Without Grassis. 500 Hill
Width	Drawout circuit breaker with chassis: 441 mm
	Drawout circuit breaker without chassis: 378 mm
Depth	Drawout circuit breaker with chassis: 403 mm
•	Drawout circuit breaker without chassis: 300 mm
Net Weight	90 kg
Standards	EN/IEC 60947-1
Canada	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 conforming to IEC 60947-1
Ambient Air Temperature For Operation	-2570 °C
Ambient Air Temperature For Storage	-4085 °C
Operating Altitude	02000 m without derating 20005000 m with derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	34.0 cm
Package 1 Width	40.0 cm
Package 1 Length	31.0 cm
Package 1 Weight	41.095 kg

Sustainability

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.

Learn more about Green Premium >

Guide to assess a product's sustainability >

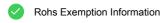




Transparency RoHS/REACh

Well-being performance





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