

Product datasheet

Specifications



Circuit breaker Masterpact MTZ2 20H2. 2000 A. 3P drawout. without Micrologic

LV848288

Price: 111,302.38 ZAR

Main

Range	MasterPacT
Product Name	MasterPact MTZ2
Device Short Name	MTZ2 20 H2
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
[In] Rated Current	2000 A at 40 °C
Performance Type	H2 100 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	100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 85 kA at 500/525 V AC 50/60 Hz 85 kA at 660/690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 85 kA at 500/525 V AC 50/60 Hz 85 kA at 660/690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	85 kA 0.5 s 85 kA 1 s 75 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	220 kA 220/415 V AC at 50/60 Hz 220 kA 440 V AC at 50/60 Hz 187 kA 500/525 V AC at 50/60 Hz 187 kA 660/690 V AC at 50/60 Hz
Integrated Instantaneous Protection (Din In Ka Peak)	171...209 kA

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Sensor Rating	1000 A
	1250 A
	1600 A
	2000 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	470 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Rails Base plate
Upside Connection	Front Rear
Downside Connection	Front Rear
Connection Pitch	115 mm
Mechanical Durability	20000 cycles with periodic preventive maintenance
Electrical Durability	AC-3: 6000 cycles 440/690 V AC 50/60 Hz conforming to EN/IEC 60947-3 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2 8000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 AC-23A: 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-23A: 8000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3
Height	Drawout circuit breaker with chassis: 439 mm Drawout circuit breaker without chassis: 300 mm
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 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	-25...70 °C
Ambient Air Temperature For Storage	-40...85 °C
Operating Altitude	0...2000 m without derating 2000...5000 m with derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	30.5 cm
Package 1 Width	29.5 cm
Package 1 Length	37.5 cm

Package 1 Weight	48.422 kg
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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