

Circuit breaker frame, MasterPact MTZ3 40H2 drawout for MicroLogic X, 4000A, 150kA/415VAC (Icu), 3P

LV848337

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	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	4000 A at 40 °C
Performance Type	H2 150 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	150 kA at 220/415 V AC 50/60 Hz 150 kA at 440 V AC 50/60 Hz 130 kA at 500/525 V AC 50/60 Hz	
	100 kA at 660/690 V AC 50/60 Hz	
[Ics] Rated Service Breaking	150 kA at 220/415 V AC 50/60 Hz	
Capacity	150 kA at 440 V AC 50/60 Hz	
	130 kA at 500/525 V AC 50/60 Hz	
	100 kA at 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	330 kA 220/415 V AC at 50/60 Hz	
Capacity	330 kA 440 V AC at 50/60 Hz	
	286 kA 500/525 V AC at 50/60 Hz	
	220 kA 660/690 V AC at 50/60 Hz	
Integrated Instantaneous Protection (Din In Ka Peak)	243297 kA	

Life Is On Schneider Apr 26, 2024

Sensor Rating	2000 A
	2500 A
	3200 A
	4000 A
	100071
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	600 W
Maximum Breaking Time	25 ms
Maximum Closing Response Time	80 ms
Mounting Support	Rails
mounting outpoil	
	Base plate
Upside Connection	Rear
Downside Connection	Rear
Connection Pitch	230 mm
Mechanical Durability	10000 cycles with periodic preventive maintenance
Electrical Durability	AC-3: 6000 cycles 440/690 V AC 50/60 Hz conforming to EN/IEC 60947-3
-	1500 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
	1500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2
	AC-23A: 1500 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3
	AC-23A: 1500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3
Height	Drawout circuit breaker with chassis: 479 mm
	Drawout circuit breaker without chassis: 300 mm
Width	Drawout circuit breaker with chassis: 786 mm
TTMU!	Drawout circuit breaker without chassis: 668 mm
Depth	Drawout circuit breaker with chassis: 403 mm
	Drawout circuit breaker with chassis: 403 mm
Net Weight	225 kg
Standards	EN/IEC 60947-1
	EN/IEC 60947-2
	EN/IEC 60947-2 Annex H
	IEC 61557-12
Product Certifications	OF.
i roduct dei tilications	CE IECEE CB Scheme
	IEGEE OD SCHEINE

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	75.0 cm
Package 1 Width	75.0 cm
Package 1 Length	120.0 cm
Package 1 Weight	132.288 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 >

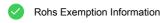




Transparency RoHS/REACh

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