LV848057

Circuit breaker frame, MasterPact MTZ2 20H1 fixed for MicroLogic X, 2000A, 66kA/415VAC (Icu), 3P





Main

Range	MasterPacT
Product name	MasterPact MTZ2
Device short name	MTZ2 20 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
[In] rated current	2000 A at 40 °C
Performance type	H1 66 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	Fixed

Complementary

Complementary	
[Icu] rated ultimate short-circuit breaking capacity	66 KA at 220/415 V AC 50/60 Hz 66 KA at 440 V AC 50/60 Hz 66 KA at 500/525 V AC 50/60 Hz 66 kA at 660/690 V AC 50/60 Hz
[lcs] rated service breaking capacity	66 KA at 220/415 V AC 50/60 Hz 66 KA at 440 V AC 50/60 Hz 66 KA at 500/525 V AC 50/60 Hz 66 kA at 660/690 V AC 50/60 Hz
[lcw] rated short-time withstand current	66 KA 0.5 s 66 KA 1 s 36 kA 3 s
[lcm] rated short-circuit making capacity	145 KA 220/415 V AC at 50/60 Hz 145 KA 440 V AC at 50/60 Hz 145 KA 500/525 V AC at 50/60 Hz 145 kA 660/690 V AC at 50/60 Hz
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	250 W
Maximum breaking time	25 ms
Maximum closing response time	70 ms
Mounting support	Rails Base plate

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherenced as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the documentation is not be used to perform the appropriate and complete risk analysis, evaluation of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	352 mm
Width	422 mm
Depth	300 mm
Net weight	50 kg
Standards	EN/IEC 60947-1
	EN/IEC 60947-2
	EN/IEC 60947-2 Annex H
	IEC 61557-12
Product certifications	CE[RETURN]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	29.5 cm
Package 1 Width	30.5 cm
Package 1 Length	37.5 cm
Package 1 Weight	47.252 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☐ End Of Life Information
PVC free	Yes
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