

Data Sheet for Article: MX225242F1

Combination MCCB Type EN, 4P, 50kA, 250A and RCD up to 2A

Device category circuit breaker, Rated current 250A, Short circuit switching capacity (400V) 50kA, Size type 2, Release Electronic release - Type EN, Poles 4



Technical Data

Net width (mm)	140,00
Net height (mm)	232,00
Net weight (kg)	2,65
EAN	9004840905946
Power loss (W)	100,00
Min. ambient temperature (°C)	-40
Max. ambient temperature (°C)	70
Device category	circuit breaker
Standard	EN 60947-2
Rated current (A)	250
Rated voltage	< 690VAC
Short circuit switching capacity (400V) (kA)	50
Size type	2
Release	Electronic release - Type EN
Poles	4
Pollution degree	3

Technical Data - continued

IP Rating	IP40
Mechanical durability	15000 operation cycles
Rated insulation voltage [Ui] (V)	1000
Rated impulse withstand voltage [Uimp] (V)	8000
Rated ultimate short-circuit breaking capacity Icu (kA)	50
Rated service breaking capacity Ics (kA)	50
AC 380/400/415V	50kA (Icu) / 50kA (Ics)
AC 440V	50kA (Icu) / 50kA (Ics)
AC 500V	40kA (Icu) / 40kA (Ics)
AC 660/690V	8kA (Icu) / 8kA (Ics)
Electrical endurance (Operation cycle)	
AC 415V, In	6000
AC 690V, In	1500

Article Table

DESCRIPTION	COPPER WEIGHT (kg/km)	Order No.
Combination MCCB Type EN, 4P, 50kA, 250A and RCD up to 2A		
Device category circuit breaker, Rated current 250A, Short circuit switching capacity (400V) 50kA,		MX225242F1
Size type 2, Release Electronic release - Type EN, Poles 4		
Optional Accessories		
Toggle Lever Locking Device for MX2		MX290199
Accessories Operating, interlock		
Clip Plate 35mm DIN-S for MX2 4 pole		MX290214
Accessories Adapter, DIN-rail, Size type 3, Poles 4		
Communication module Modbus-RTU 24VDC 1.5m		MX290000
Accessories Communication module		
Communication module Modbus-RTU 230VAC 1.5m		MX290001
Accessories Communication module		
Box Terminal for MX2 10-120mm ² , 1 piece		MX290015
ALU/Cu		
Connection extension 4 pole for MX2, 8 pieces		MX290020
one article is 8 pieces, for 3-pole MX2 (for top and bottom)		
Terminal Cover short 4 pole for MX2		MX290781
for top and bottom		
Terminal Cover long 4 pole for MX2		MX290784
for top and bottom		
Tunnel Terminal 1x35-240mm ² for MX2, 1 piece, max. 200A		MX296730
ALU/Cu		
Tunnel Terminal 2x35-120mm ² for MX2, 1 piece, max. 200A		MX296731
ALU/Cu, Control connection: M4		
Tunnel Terminal 6x10-35mm ² for MX2, 1 piece, max. 200A		MX296732
ALU/Cu, Control connection: M4		
Rear Connection, 4P for MX2, for both connection sides		MX296735
Accessories Connection technology, Size type 2		
Socket for MX2 4 pole		MX296872
Accessories Plug-in socket, Size type 2, Poles 4		
Safety release for socket MX2 for thermal release		MX296873
Accessories Plug-in socket, Size type 2		
Safety release for socket MX2 for electronic release		MX296874
Accessories Plug-in socket, Size type 2		
Phase separator plates MX2		MX296870
Accessories Cover, Size type 2		
Rotary handle complete, lockable for MX2, thermal release		MX290125
Accessories Operating, interlock		

Article Table

DESCRIPTION	COPPER WEIGHT (kg/km)	Order No.
Optional Accessories		
Rotary handle complete, lockable for MX2, electronic release Accessories Operating, interlock		MX290126
Door Coupling Rotary Handle, for MX2 for thermal release Axle length 50cm		MX290172
Door Coupling Rotary Handle, for MX2 for electronic release Axle length 50cm		MX290173
Mechanical Interlock for MX2 4 pole Accessories Operating, interlock, Size type 2, Poles 4		MX291582
Under Voltage Release 110VAC for MX2, MX3 Accessories Undervoltage release, Size type 2,3		MX299462
Under Voltage Release 220-240VAC for MX2, MX3 Accessories Undervoltage release, Size type 2,3		MX299471
Under Voltage Release 380-415VAC for MX2, MX3 Accessories Undervoltage release, Size type 2,3		MX299473
Under Voltage Release 24VDC for MX2, MX3 Accessories Undervoltage release, Size type 2,3		MX299481
Under Voltage Release 220VDC for MX2, MX3 Accessories Undervoltage release, Size type 2,3		MX299489
Shunt trip 110VAC for MX2, MX3 Accessories Shunt opening release		MX299567
Shunt trip 220-240VAC for MX2, MX3 Accessories Shunt opening release		MX290154
Shunt trip 380-415VAC for MX2, MX3 Accessories Shunt opening release		MX291607
Shunt trip 24VDC for MX2, MX3 Accessories Shunt opening release		MX299736
Shunt trip 220VDC for MX2, MX3 Accessories Shunt opening release		MX299742
Remote Operator 24VDC for MX2 Accessories Motor operator, Size type 2		MX299837
Remote Operator 110VAC/110-120VDC for MX2 Accessories Motor operator, Size type 2		MX299838
Remote Operator 220-240VAC/220VDC for MX2 Accessories Motor operator, Size type 2		MX299832
Remote Operator 380-415VAC for MX2 Accessories Motor operator, Size type 2		MX299833
RCD für MX2 4 pole Type A 50-200mA-0.5-2A		MX294610

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DESCRIPTION	COPPER WEIGHT (kg/km)	Order No.
Optional Accessories		
Auxiliary contact 1 CO		MX199411
Accessories Auxiliary contacts		
Alarm contact 1 CO		MX199511
Accessories Auxiliary contacts		
Universal Adapter 250A outgoing conn. top	383	SI321680