

Data Sheet for Article: MX410232CZ

Moulded Case Circuit Breaker Type EN, 3p, 50kA, set up 1000A



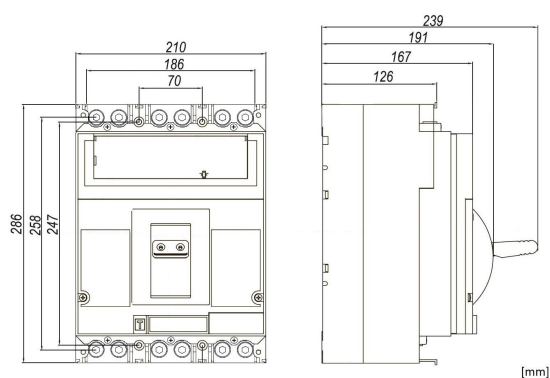
Technical Data

Net width (mm)	210,00
Net height (mm)	286,00
Net weight (kg)	13,50
EAN	9004840945164
Power loss (W)	240,00
Min. ambient temperature (°C)	-40
Max. ambient temperature (°C)	70
Device category	circuit breaker
Standard	EN 60947-2
Rated current (A)	1000
Rated voltage	< 690VAC
Short circuit switching capacity (400V) (kA)	50
Size type	4
Tripping Unit	Electronic release - Type EN
Poles	3
Pollution degree	3
IP Rating	IP40
Mechanical durability	6000 operation cycles

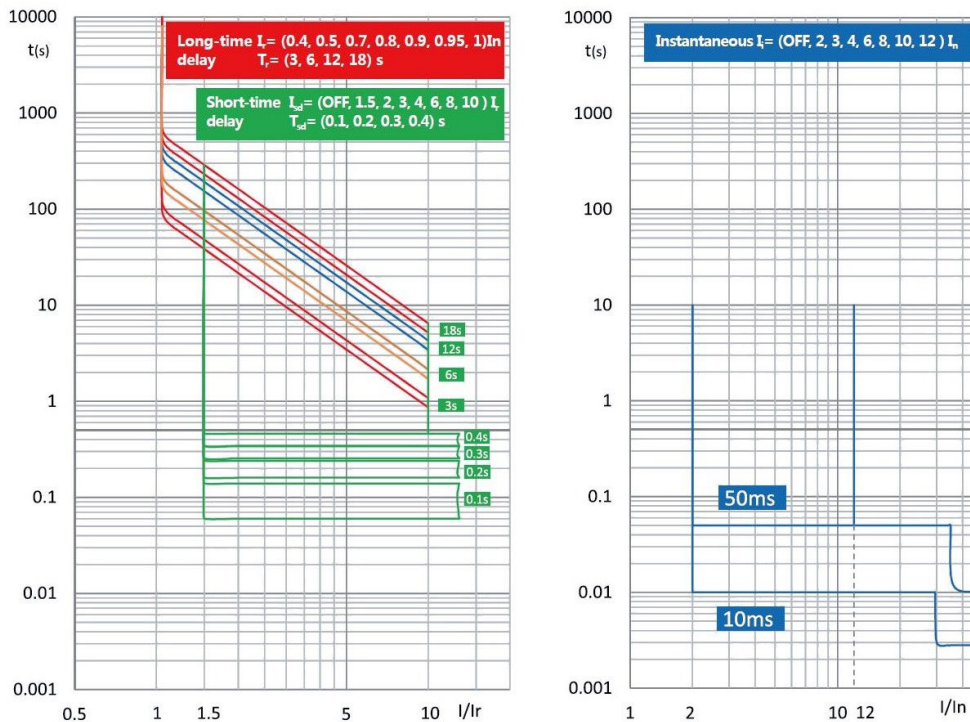
Technical Data - continued

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) / 40kA (Ics)
AC 500V	40kA (Icu) / 30kA (Ics)
AC 660/690V	30kA (Icu) / 30kA (Ics)
Electrical endurance (Operation cycle)	
AC 415V, In	1000
AC 690V, In	1000

Maßbild



Auslösekennlinie



Article Table

DESCRIPTION	Order No.
Moulded Case Circuit Breaker Type EN, 3p, 50kA, set up 1000A	MX410232CZ
Optional Accessories	
Communication module Modbus-RTU 24VDC 1.5m	MX290000
Communication module Modbus-RTU 230VAC 1.5m	MX290001
Connection extension 3 pole for MX4, 1000-1250A, 6 pieces	MX490017
Rated current 1000, 1250A, Poles 3, 6 pieces included per item, for 3-pole MX4 (for top and bottom)	
Connection extension 3 pole for MX4, 1600A, 6 pieces	MX490019
Rated current 1600A, Poles 4, 6 pieces included per item, for 3-pole MX4 (for top and bottom)	
Tunnel Terminal 3x95-300mm ² for MX4, 1 piece, max. 1250A	MX496730
Size type 4, current max. 1250A, Al/Cu, control connection: M3, not maintenance-free for Aluminum, attend to connection conditions!! No use in PV applications/frequency inverters permitted!	
Tunnel Terminal 4x95-240mm ² for MX4, 1 piece, max. 1250A	MX496731
Size type 4, current max. 1250A, Al/Cu, control connection: M3, not maintenance-free for Aluminum, attend to connection conditions!! No use in PV applications/frequency inverters permitted!	
Phase separator plates MX4	MX496870
Size type 4	

Article Table

DESCRIPTION	Order No.
Optional Accessories	
Under Voltage Release 220-240VAC for MX4 Size type 4	MX499471
Under Voltage Release 380-415VAC for MX4 Size type 4	MX499473
Shunt trip 220-240VAC for MX4	MX490154
Shunt trip 380-415VAC for MX4	MX491607
Shunt trip 24VDC for MX4	MX499736
Auxiliary contact 1 CO	MX199411
Alarm contact 1 CO	MX199511