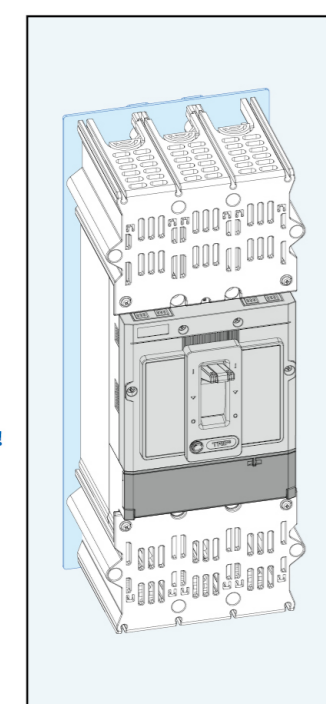


BZMX-S08 Series User Manual



BZMX2N-S08

Connection	6	GB70.1 M8X25 20N.m GB93 8 GB97.1 8	
Installation of Circuit-breaker	4	GB9074.8 M4X100 2.9N.m GB97.1 4 GB6170 M4	
Installation of terminal cover	4	GB845 ST2.9X9.5 1.0N.m	
	8	GB9074.8 M4X50 2.9N.m	

mm

Hexagon wrench Cross screwdriver

WARNING Electric Current!
Danger to life!



Only skilled or instructed persons may carry out the following operations

Circuit breaker installation

BZMX2N-S08

GB9074.8 M4X100
2.9 N.m
GB97.1 4
GB6170 M4

Front Panel Connection

BZMX2N-S08

GB70.1 M8X25
20 N.m
GB93 8
GB97.1 8

Note
This adapter is optional, you need to confirm in advance whether to transfer.

Installation of Terminal cover

BZMX2N-S08

Terminal cover

Note: Standard

Insulation board

Note: Standard

GB9074.8 M4X50
2.9 N.m

Terminal cover

GB845 ST2.9X9.5
1.0 N.m

Terminal cover

Note
When the user uses the circuit breaker, terminal covers are installed on the 1, 3, 5 sides, 2, 4, and 6 sides.

Installation of phase separator(k6)

BZMX2N-S08

Customer Mounting Plate

Terminal cover

Terminal cover

Terminal cover

Note
There are 6 terminal covers as standard, the top is short and the bottom is long. When the number of circuit breakers installed side by side is ≥ 2 , please keep the installation position of the interphase clapboard of the side phase consistent (all installed on phase A side or phase C side), 1 long and 1 short (interphase separator) should be added for the side phase of the circuit breaker close to the metal cabinet.

Circuit breaker installation safety distance

BZMX2N-S08

Safe gap of a circuit breaker

Minimum distance between two adjacent circuit breakers

Minimum distance between circuit breaker and panel

panel

Insulation board: 0
Metal plate: 30

Electrical accessories installation

BZMX2N-S08

Auxiliary/Alarm (AX/AL) Shunt release (SHT)

Note
All accessories should be installed in the tripping state of circuit breaker (the handle in the middle position which is marked as "Trip")

Lead direction of internal accessories

BZMX2N-S08

Alarm line Auxiliary line

Alarm line Auxiliary line

Shunt line

Note
After the accessory is installed, the lead wire of the accessory must be passed through the lead wire slot as shown in the figure, and the hidden danger of wire pressing when the upper cover is installed should be avoided!

Door Rotary Handle

BZMX2N-S08

GB845 ST2.9X25
1.0 N.m

GB70.1 M4X8
2.9 N.m

Note
Install the rotary handle after removing the screws

BZMX2N-S08

Dimension of the door holes

DIN968 ST3.5X16
1.8 N.m

BZMX2N-S08

insulation button

Lock

Note
Press the insulation button when the switch is on the OFF position, then lock the handle.

Direct Rotary Handle

BZMX2N-S08

GB845 ST2.9X25
1.0 N.m

Note
Install the rotary handle after removing the screws

BZMX2N-S08

insulation button

Lock

Note
Press the insulation button when the switch is on the OFF position, then lock the handle.

BZMX3N-S08

Connection	6	GB70.1 M10X30 50N.m GB93 10 GB97.1 10	
Installation of Circuit-breaker	4	GB9074.8 M5X90 5.7N.m GB97.1 5 GB6170 M5	
Installation of terminal cover	4	GB846 ST2.9X9.5F 1.0N.m	
	8	GB9074.8 M4X65 2.9N.m	

Hexagon wrench Cross screwdriver

mm

46.0
200
4xØ6.0

Circuit breaker installation

BZMX3N-S08

GB9074.8 M5X90
5.7 N.m
GB97.1 5
GB6170 M5

Front Panel Connection

BZMX3N-S08

Ø10.5
≤32

Note

1. This transfer row is optional, and you need to confirm whether to transfer in advance;
2. The transfer row can only be equipped with a straight row.

GB5783 M10X30
50 N.m
GB93 10
GB97.1 10

Installation of Terminal cover

BZMX3N-S08

Terminal cover Insulation board

Note: Standard

Note: Standard

GB9074.8 M4X65
2.9 N.m
GB846 ST2.9X9.5 F
1.0 N.m

- 1 Press down until flush with the cover
- 2 Push to align the positioning holes
- 3 Push down again

Installation of phase separator(k6)

BZMX3N-S08

Terminal cover

Customer Mounting Plate

Terminal cover

Note

There are 6 interphase diaphragm as standard, the top is short and the bottom is long. When the number of circuit breakers installed side by side is ≥ 2 , please keep the installation position of the interphase clapboard of the side phase consistent (all installed on phase A side or phase C side), 1 long and 1 short (interphase separator) should be added for the side phase of the circuit breaker close to the metal cabinet.

Attention direction

Circuit breaker installation safety distance

BZMX3N-S08

Safe gap of a circuit breaker

Minimum distance between two adjacent circuit breakers

Short terminal shield rear connected

Minimum distance between circuit breaker and front or rear panels

Insulation board: 0
Metal plate: 30

110
105
30
405
220
730
163
155
170
30
300

Electrical accessories installation

BZMX3N-S08

Auxiliary/Alarm (AX/AL) Shunt release (SHT)

Note

All accessories should be installed in the tripping state of circuit breaker (the handle in the middle position which is marked as "Trip")

Lead direction of internal accessories

BZMX3N-S08

Auxiliary line Alarm line

Auxiliary line Alarm line

Shunt line

Note

After the accessory is installed, the lead wire of the accessory must be passed through the lead wire slot as shown in the figure, and the hidden danger of wire pressing when the upper cover is installed should be avoided!

Door Rotary Handle

BZMX3N-S08

GB845 ST3.5X32
1.8 N.m
GB70.1 M5X12
5.7 N.m

Note

Install the rotary handle after removing the screws

BZMX3N-S08

DIN968 ST3.5X16
1.8 N.m

Dimension of the door holes

90x90 4xø4.5
ø56
60

BZMX3N-S08

Press the insulation button when the switch is on the OFF position, then lock the handle.

insulation button

Lock

Direct Rotary Handle

BZMX3N-S08

GB845 ST3.5X32
1.8 N.m

Note

Install the rotary handle after removing the screws

BZMX3N-S08

Press the insulation button when the switch is on the OFF position, then lock the handle.

insulation button

Lock