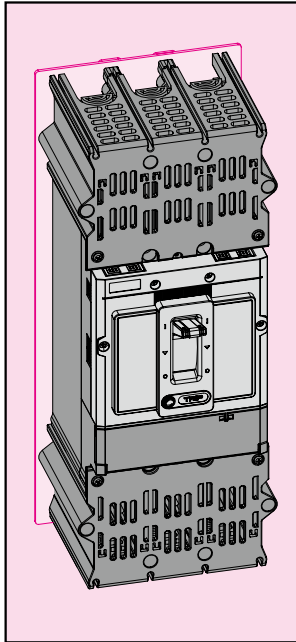


**VM5-HU Series
User Manual**



V1.3 202406



**Electric Current!
Danger to life!**

Only skilled or instructed persons may carry out the following operations

Shanghai Vozwei Electric Technology Co., Ltd.

VM5-320HUL/HUM 1

Connection	6	GB70.1 M8×25 GB93 8 GB97.1 8	
Installation of Circuit-breaker	4	GB9074.8 M4×100 GB97.1 4 GB6170 M4	
Installation of terminal cover	4	GB845 ST2.9×9.5	
	8	GB9074.8 M4×50	

mm

Hexagon wrench Cross screwdriver

Circuit breaker installation VM5-320HUL/HUM 2

GB9074.8 M4×100
GB97.1 4
GB6170 M4

Front Panel Connection VM5-320HUL/HUM 3

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

GB70.1 M8×25
GB93 8
GB97.1 8

Installation of Terminal cover VM5-320HUL/HUM 4

Terminal cover

GB845 ST2.9×9.5
GB9074.8 M4×50

Note: Standard

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 VM5-320HUL/HUM 5

Insulation board

Terminal cover

Terminal cover

Terminal cover

Attention direction

Note: There are 8 phase separators 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 phase C side, 1 long and 1 short (phase separator) should be added for the side phase interphase clapboard of the side phase consistent (all installed on phase A side or of the circuit breaker close to the metal cabinet).

Circuit breaker installation Safety distance VM5-320HUL/HUM 6

Safe gap of a circuit breaker

Minimum distance between two adjacent circuit breakers

Minimum distance between circuit breaker and panel

Electrical accessories installation VM5-320HUL/HUM 7

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

VM5-630HUL/HUM 1

Connection	6	GB5783 M10×25 GB93 10 GB97.1 10	
Installation of Circuit-breaker	4	GB9074.8 M5×90 GB97.1 5 GB6170 M5	
Installation of terminal cover	4	GB845 ST2.9×9.5	
	8	GB9074.8 M4×65	

Hexagon wrench Cross screwdriver

mm

Circuit breaker installation VM5-630HUL/HUM 2

GB9074.8 M5×90
GB97.1 5
GB6170 M5

Front Panel Connection VM5-630HUL/HUM 3

GB5783 M10×25
GB93 10
GB97.1 10

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

Installation of Terminal cover VM5-630HUL/HUM 4

Terminal cover
GB845 ST2.9X9.5
Note: Standard

Insulation board
Note: Standard

Press down until flush with the cover
Push down again
Push to align the positioning holes

GB9074.8 M4×65

Installation of phase separator VM5-630HUL/HUM 5

Terminal cover
Insulation board
Terminal cover

▲ Attention direction

Note: There are 8 phase separator 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 phase interphase clapboard of the side phase consistent (all installed on phase A side or phase C side), 1 long and 1 short (phase separator) should be added for the side phase of the circuit breaker close to the metal cabinet.

Safety distance VM5-630HUL/HUM 6

Safe gap of a circuit breaker

Minimum distance between two adjacent circuit breakers

163
155
170
110
105
30
405
750
220

Circuit breaker installation Safety distance VM5-630HUL/HUM 7

Short terminal shield rear connected

Minimum distance between circuit breaker and front or rear panels

Insulation board: 0
Metal plate: 30

300

Electrical accessories installation VM5-630HUL/HUM 8

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