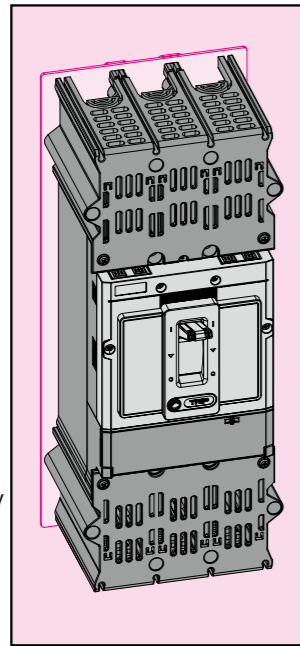


**VM5-HU Series  
User Manual**



**Electric Current!  
Danger to life!**

Only skilled or instructed persons may carry out the following operations



V1.4 202605

Shanghai Vozwei Electric Technology Co., Ltd.

**VM5-320HUL/HUM** 1

Connection	6	GB70.1 M8×25 GB93 8 GB971 8	
Installation of Circuit-breaker	4	GB9074.8 M4×100 GB971 4 GB6170 M4	
Installation of terminal cover	4	GB845 ST2.9×9.5 8	

Hexagon wrench    Cross screwdrive

mm

**Circuit breaker installation VM5-320HUL/HUM** 2

GB9074.8 M4×100  
GB971 4  
GB6170 M4

**Front Panel Connection VM5-320HUL/HUM** 3

GB70.1 M8×25  
GB93 8  
GB971 8

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

**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

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 fall 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 adjacent circuit breakers

Minimum distance between circuit breaker and panel

Panel

Insulation board: 0

Metal plate: 30

**Electrical accessories installation VM5-320HUL/HUM** 7

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

Note

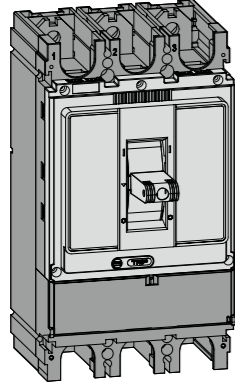
All accessories should be installed in the tripping state of circuit breaker (the handle in the middle position which is marked as "Trip")

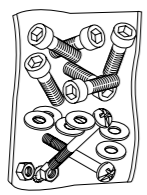
Lead direction of internal accessories

**Motor-operated mechanism VM5-320HUL/HUM** 8

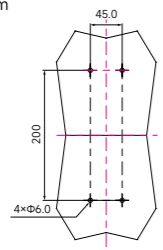
**Manual operator size VM5-320HUL/HUM** 9

**VM5-630HUL/HUM** 1



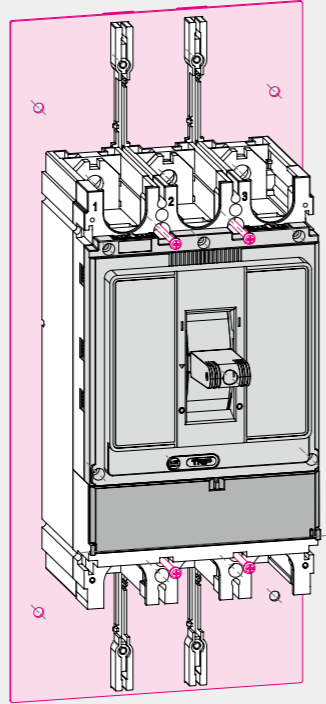
Connection	6	GB5783 M10×25 GB93 10 GB971 10	
Installation of Circuit-breaker	4	GB9074.8 M5×90 GB971 5 GB6170 M5	
Installation of terminal cover	4	GB845 ST2.9×9.5	
	8	GB9074.8 M4×65	

mm



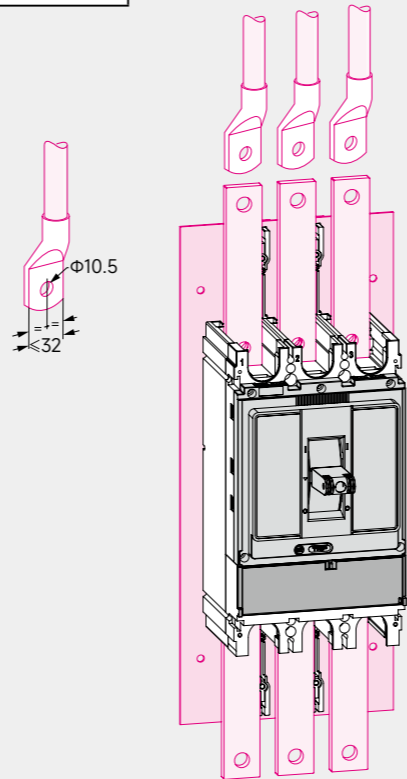
Hexagon wrench    Cross screwdriver

**Circuit breaker installation VM5-630HUL/HUM** 2



GB9074.8 M5×90  
GB971 5  
GB6170 M5

**Front Panel Connection VM5-630HUL/HUM** 3



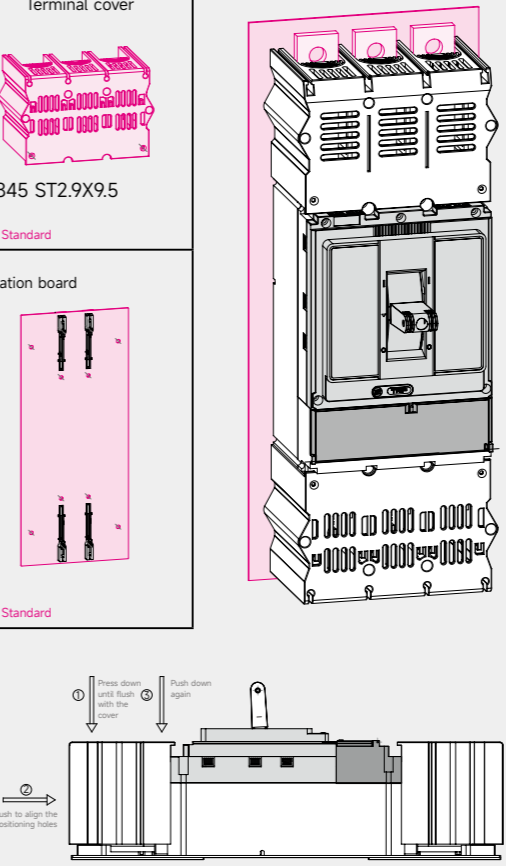
GB5783 M10×30  
GB93 10  
GB971 10

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

**Installation of Terminal cover VM5-630HUL/HUM** 4

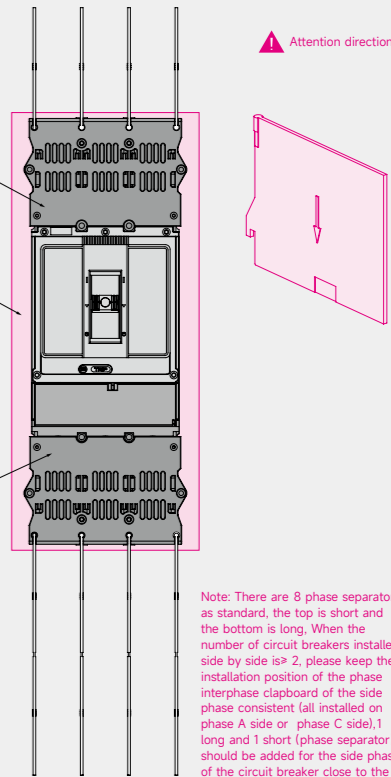
Terminal cover  
GB845 ST2.9X9.5  
Note: Standard

Insulation board  
Note: Standard



GB9074.8 M4×65

**Installation of phase separator VM5-630HUL/HUM** 5



Terminal cover  
Insulation board  
Terminal cover

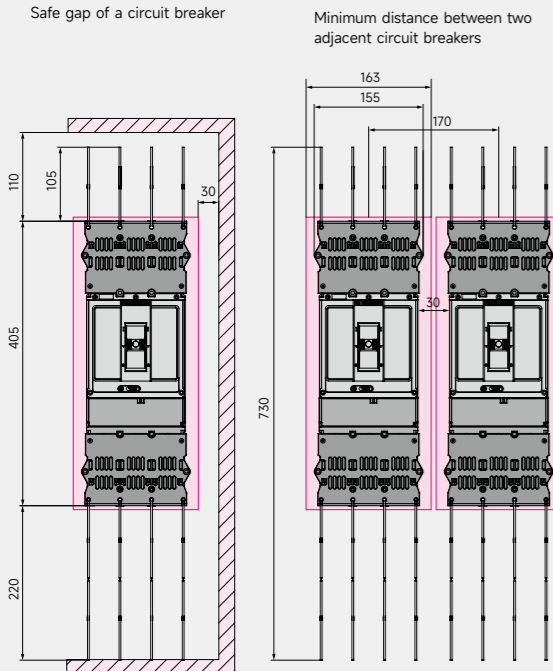
Attention direction

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.

**Circuit breaker installation Safety distance VM5-630HUL/HUM** 6

Safe gap of a circuit breaker

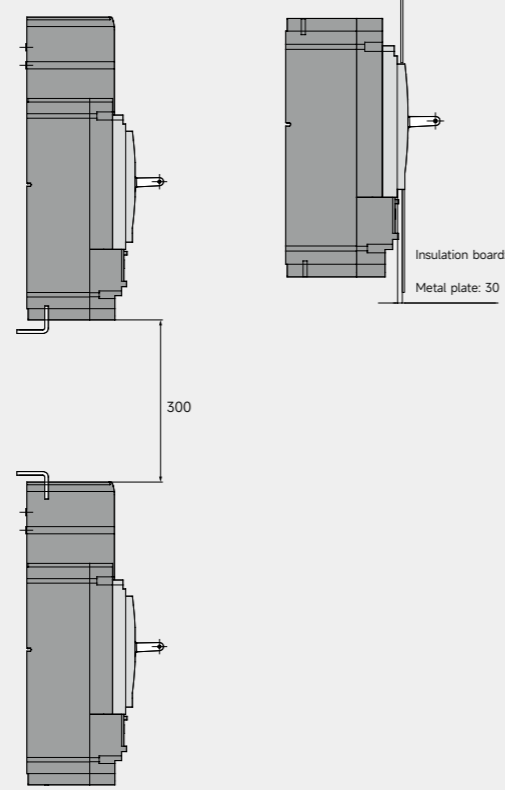
Minimum distance between two adjacent circuit breakers



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

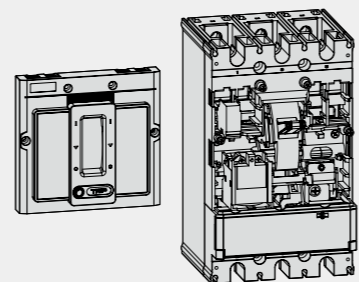
Short terminal shield rear connected

Minimum distance between circuit breaker and front or rear panels



Insulation board: 0  
Metal plate: 30

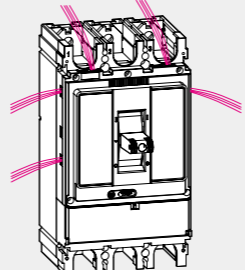
**Electrical accessories installation VM5-630HUL/HUM** 8



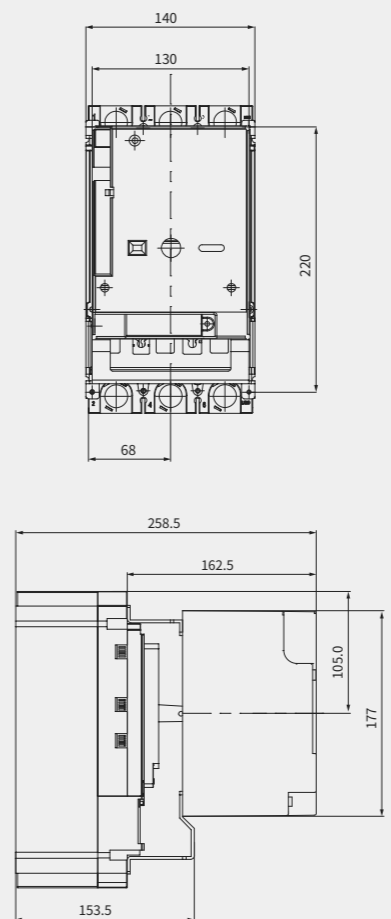
Auxiliary/Alarm (AX/AL)    Shunt release (SHT)

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



**Motor-operated mechanism VM5-630HUL/HUM** 9



**Manual operator size VM5-630HUL/HUM** 10

