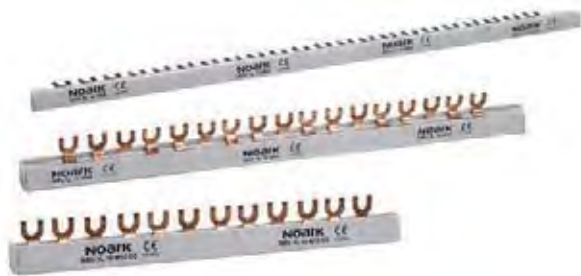


# Busbars BBU, BBP and BBUE

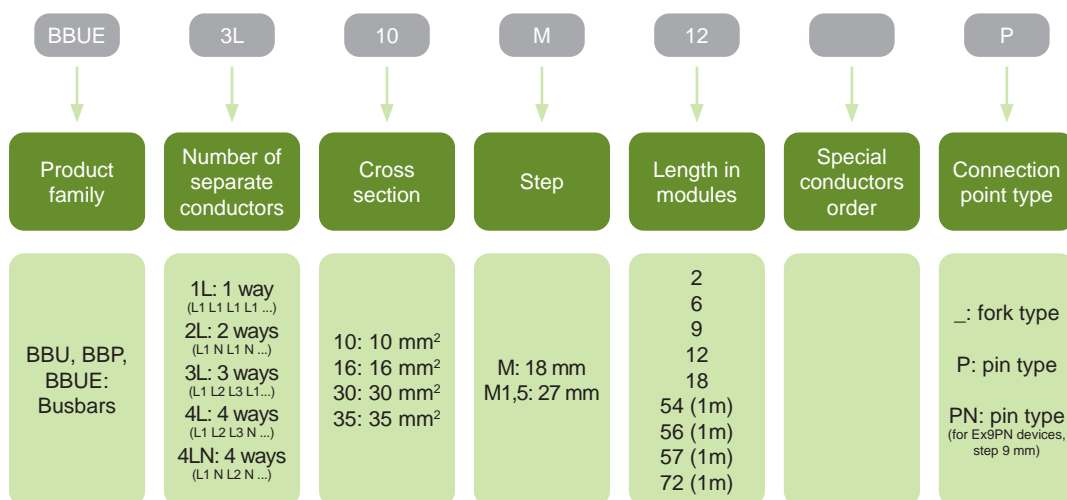


- Busbars BBU, BBP and BBUE for connection of installation devices
- 1, 2, 3 and 4-pole versions
- 10 mm<sup>2</sup> for 63 A, 16 mm<sup>2</sup> for 80 A and 35 mm<sup>2</sup> for 125 A circuits
- 1 meter long or shortened versions
- Fork and pin type connection points
- 9, 13.5, 18 or 27 mm connection point step
- Tailored versions for specific combinations of Noark devices

Busbars for simple and reliable interconnection of installation devices.

Some versions are equipped with end caps. There are available separately packed end caps for all types of busbars.

## Type Key



## Certification mark



# Busbars BBU

## 1 meter BBU busbars

- 1 and 3-phase busbars
- With 54 fork type connection points
- 10 mm<sup>2</sup> for rated current up to 63 A  
16 mm<sup>2</sup> for rated current up to 80 A
- Delivered without end caps



Number of phases	Length MU	Cross section	Article No.	Type	Packing
1	54 MU	10 mm <sup>2</sup>	101446	BBU 1L 10 M54	1/100
1	54 MU	16 mm <sup>2</sup>	101447	BBU 1L 16 M54	1/100
3	54 MU	10 mm <sup>2</sup>	101448	BBU 3L 10 M54	1/50
3	54 MU	16 mm <sup>2</sup>	101449	BBU 3L 16 M54	1/50

## Shortened BBU busbars

- 3-phase busbars
- 10 mm<sup>2</sup> for rated current up to 63 A  
16 mm<sup>2</sup> for rated current up to 80 A
- Delivered with end caps



Number of phases	Length MU	Cross section	Article No.	Type	Packing
3	12 MU	10 mm <sup>2</sup>	101450	BBU 3L 10 M12 EC	1/10/200
3	12 MU	16 mm <sup>2</sup>	101451	BBU 3L 16 M12 EC	1/10/200
3	6 MU	10 mm <sup>2</sup>	110830	BBU 3L 10 M6 EU	1/5/400
3	6 MU	16 mm <sup>2</sup>	110832	BBU 3L 16 M6 EU	1/5/400
3	9 MU	10 mm <sup>2</sup>	110831	BBU 3L 10 M9 EU	1/5/250
3	9 MU	16 mm <sup>2</sup>	110833	BBU 3L 16 M9 EU	1/5/250

# Busbars BBP

## 1 meter pin type busbars

- 1 and 3-phase busbars
- With 54 pin type connection points
- 10 mm<sup>2</sup> for rated current up to 63 A
- Delivered without end caps



Number of phases	Length MU	Cross section	Article No.	Type	Packing
1	54 MU	10 mm <sup>2</sup>	113240	BBP 1L 10 M54 EU	1/5/50
3	54 MU	10 mm <sup>2</sup>	113241	BBP 3L 10 M54 EU	1/5/20

## Pin type shortened busbars

- 1 and 3-phase busbars
- With 54 pin type connection points
- 10 mm<sup>2</sup> for rated current up to 63 A
- Delivered without end caps

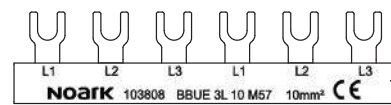


Number of phases	Length MU	Cross section	Article No.	Type	Packing
1	12	10 mm <sup>2</sup>	113242	BBP 1L 10 M12 EU	1/10/500
3	12	10 mm <sup>2</sup>	113243	BBP 3L 10 M12 EU	1/5/180

# Busbars BBUE

## 1 meter fork type busbars

- 1, 2, 3 and 4-phase versions
- Length 1 meter (can be shortened)
- Step between connection points 18 mm
- Fork type connection points
- 10 mm<sup>2</sup> for 63 A or 16 mm<sup>2</sup> for 80 A rated current
- Delivered without end caps



Number of phases	Length MU	Cross section	Article No.	Type	Packing
1P	56 (1m)	10 mm <sup>2</sup>	103798	BBUE 1L 10 M56	1/10
1P	56 (1m)	16 mm <sup>2</sup>	103804	BBUE 1L 16 M56	1/10
2P	56 (1m)	10 mm <sup>2</sup>	103864	BBUE 2L 10 M56	1/10
2P	56 (1m)	16 mm <sup>2</sup>	103865	BBUE 2L 16 M56	1/10
3P	57 (1m)	10 mm <sup>2</sup>	103808	BBUE 3L 10 M57	1/10
3P	57 (1m)	16 mm <sup>2</sup>	103812	BBUE 3L 16 M57	1/10
4P	56 (1m)	10 mm <sup>2</sup>	103816	BBUE 4L 10 M56	1/10
4P	56 (1m)	16 mm <sup>2</sup>	103817	BBUE 4L 16 M56	1/10

## Shortened fork type busbars

- 1 and 3-phase versions
- 10 mm<sup>2</sup> for 63 A or 16 mm<sup>2</sup> for 80 A rated current
- Step between connection points 18 mm
- Fork type connection points
- Delivered without end caps

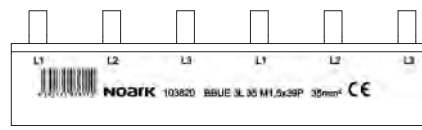


Number of phases	Length MU	Cross section	Article No.	Type	Packing
1	2	10 mm <sup>2</sup>	103799	BBUE 1L 10 M2	1/25
1	6	10 mm <sup>2</sup>	103800	BBUE 1L 10 M6	1/25
1	9	10 mm <sup>2</sup>	103801	BBUE 1L 10 M9	1/25
1	12	10 mm <sup>2</sup>	103802	BBUE 1L 10 M12	1/25
1	12	16 mm <sup>2</sup>	103805	BBUE 1L 16 M12	1/25
1	18	10 mm <sup>2</sup>	103803	BBUE 1L 10 M18	1/25
1	18	16 mm <sup>2</sup>	103806	BBUE 1L 16 M18	1/25
3	9	10 mm <sup>2</sup>	103809	BBUE 3L 10 M9	1/25
3	9	16 mm <sup>2</sup>	103813	BBUE 3L 16 M9	1/25
3	12	10 mm <sup>2</sup>	103810	BBUE 3L 10 M12	1/25
3	12	16 mm <sup>2</sup>	103814	BBUE 3L 16 M12	1/25
3	18	10 mm <sup>2</sup>	103811	BBUE 3L 10 M18	1/25
3	18	16 mm <sup>2</sup>	103815	BBUE 3L 16 M18	1/25

# Busbars BBP and BBUE

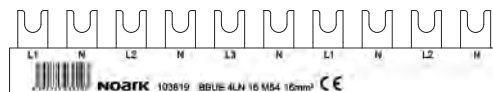
## 1 meter special type busbars

- 1, 3 and 4-phase versions
- Suitable for Ex9B125 line MCBs
- For rated current up to 125 A
- Step between connection points 27 mm
- Pin type connection points
- Delivered without end caps



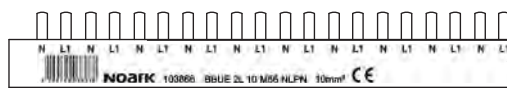
Number of phases	Length MU	Cross section	Article No.	Type	Packing
1	37 (1m)	35 mm <sup>2</sup>	103807	BBUE 1L 35 M1,5x37P	1/10
3	39 (1m)	35 mm <sup>2</sup>	103820	BBUE 3L 35 M1,5x39P	1/10
4	40 (1m)	30 mm <sup>2</sup>	103821	BBUE 4L 30 M1,5x40P	1/10

- 4-phase busbars - configuration L1 N L2 N L3 N L1 ...
- Suitable for 2MU 1P+N-pole MCBs line Ex9B
- 10 mm<sup>2</sup> for rated current up to 63 A  
16 mm<sup>2</sup> for rated current up to 80 A
- Step between connection points 18 mm
- Fork type connection points
- Delivered without end caps



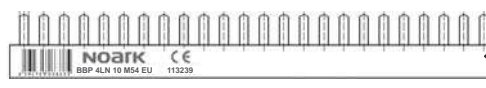
Number of phases	Length MU	Cross section	Article No.	Type	Packing
4	54 (1m)	10 mm <sup>2</sup>	103818	BBUE 4LN 10 M54	1/10
4	54 (1m)	16 mm <sup>2</sup>	103819	BBUE 4LN 16 M54	1/10

- 2-phase busbar - configuration N L1 N L1 N ...
- Suitable for 1MU 1P+N-pole MCBs line Ex9PN
- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between connection points 8.7 mm
- Pin type connection points
- Delivered without end caps
- Busbar is designed for connecting devices from the bottom side, the order of the devices is quoted from left



Number of phases	Length MU	Cross section	Article No.	Type	Packing
2	56 (1m)	10 mm <sup>2</sup>	103866	BBUE 2L 10 M56 NLPN	1/10

- 2-phase busbar - configuration N L1 N L1 N ...
- 4-phase busbar - configuration N L1 N L2 N L3 N L1...
- Suitable for 1MU 1P+N-pole MCBs line Ex9PN and 1MU RCBO Ex9NLE
- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between connection points 8,7 mm
- Pin type connection points
- Delivered without end caps
- Busbar is designed for connecting devices from the top side, the order of the devices is quoted from left

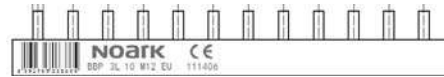


Number of phases	Length MU	Cross section	Article No.	Type	Packing
2	54 (1m)	10 mm <sup>2</sup>	113238	BBP 2LN 10 M54 EU	1/5/25
4	54 (1m)	10 mm <sup>2</sup>	113239	BBP 4LN 10 M54 EU	1/5/20

# Busbars BBP and BBUE

## 1 meter special type busbars

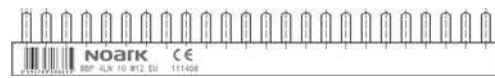
- Suitable for 3/4MU Ex9B40J line MCBs
- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between connection points 13,5 mm
- Pin type connection points
- Delivered without end caps
- For 72 slim MCBs in line



Number of phases	Length 3/4MU	Cross section	Article No.	Type	Packing
1	72	10 mm <sup>2</sup>	113236	BBP 1L 10 M72 13.5mm EU	1/10/50
3	72	10 mm <sup>2</sup>	113237	BBP 3L 10 M72 13.5mm EU	1/5/20

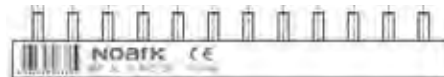
## Special type shortened busbars

- 2-phase busbar - configuration N L1 N L1 N L1...
- 4-phase busbar - configuration N L1 N L2 N L3 N L1 ...
- Suitable for 1MU 1P+N-pole MCBs line Ex9PN and 1M RCBO Ex9NLE
- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between connection points 8.7 mm
- Pin type connection points
- Delivered with end caps
- Busbar is designed for connecting devices from the top side, the order of the devices is quoted from left



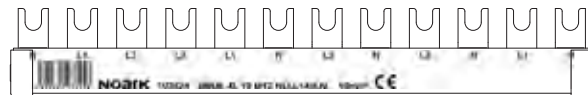
Number of phases	Length MU	Cross section	Article No.	Type	Packing
2	12	10 mm <sup>2</sup>	111407	BBP 2LN 10 M12 EU	1/5/150
4	12	10 mm <sup>2</sup>	111408	BBP 4LN 10 M12 EU	1/5/100

- Suitable for 3/4MU MCBs line Ex9B40J
- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between connection points 13.5 mm
- Pin type connection points
- Delivered with end caps
- For 12 MCBs in line



Number of phases	Length 3/4MU	Cross section	Article No.	Type	Packing
1	12	10 mm <sup>2</sup>	111405	BBP 1L 10 M12 EU	1/10/300
3	12	10 mm <sup>2</sup>	111406	BBP 3L 10 M12 EU	1/5/150

- 2 and 4-phase busbars for combination of Ex9L RCCB with 1P+N-pole Ex9B line MCBs
- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between MCB connection points 18 mm
- Fork type connection point
- Delivered with end caps
- Busbar is designed for connecting devices from the bottom side, the order of the devices is quoted from left



Number of phases	Length MU	Cross section	Article No.	Type	Packing
2	12	10 mm <sup>2</sup>	103868	BBUE 2L 10 M12 NL+5xLN	1/25
4	12	10 mm <sup>2</sup>	103824	BBUE 4L 10 M12 NLLL+4xLN	1/25
4	18	10 mm <sup>2</sup>	103825	BBUE 4L 10 M18 NLLL+7xLN	1/25

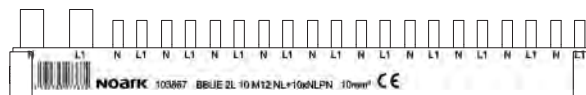
# Busbars BBU and BBUE

## Special type shortened busbars

- 2 and 4-phase busbars for combination of Ex9L RCCB with Ex9PN line MCBs

- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between MCB connection points 8.7 mm
- Pin type connection points
- Delivered with end caps

- Busbar is designed for connecting devices from the bottom side, the order of the devices is quoted from left



Number of phases	Length MU	Cross section	Article No.	Type	Packing
2	12	10 mm <sup>2</sup>	103867	BBUE 2L 10 M12 NL+10xNLPN	1/25
4	12	10 mm <sup>2</sup>	103822	BBUE 4L 10 M12 LLLL+8xNLPN	1/25

- 2-phase busbar for combination of RCCB of line Ex9BL and Ex9PN line MCBs

- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between MCB connection points 8.7 mm
- Pin type connection point
- Delivered with end caps

- Busbar is designed for connecting devices from the bottom side, the order of the devices is quoted from left



Number of phases	Length MU	Cross section	Article No.	Type	Packing
2	12	10 mm <sup>2</sup>	107114	BBUE 2L 10 M12 LN+10xNLPN	1/25

- 4-pole busbar for combination of RCD with N-pole on right hand side and Ex9PN line MCBs

- 10 mm<sup>2</sup> for rated current up to 63 A
- Step between MCB connection points 8.7 mm
- Pin type connection point
- Delivered with end caps

- Busbar is designed for connecting devices from the bottom side, the order of the devices is quoted from left




Number of phases	Length MU	Cross section	Article No.	Type	Packing
4	12	10 mm <sup>2</sup>	103823	BBUE 4L 10 M12 LLLL+8xNLPN	1/25

# Busbars BBU, BBP and BBUE

## End caps for BBU and BBP busbars

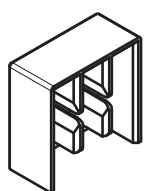
- End caps for 1 and 3-phase BBU and BBP busbars



Cross section	For number of phases	Article No.	Type	Packing
10 / 16 mm <sup>2</sup>	1	101452	ECU 1L 10/16	1/1000
10 mm <sup>2</sup>	2	113244	ECU 2L 10	1/1000
16 mm <sup>2</sup>	2	113245	ECU 2L 16	1/1000
10 mm <sup>2</sup>	3	101453	ECU 3L 10	1/1000
16 mm <sup>2</sup>	3	113246	ECU 3L 16	1/1000
10 / 16 mm <sup>2</sup>	4	113247	ECU 4L 10	1/500

## End caps for BBUE busbars


- End caps for BBUE busbars





For busbar	For number of phases	Article No.	Type	Packing
BBUE 1L	1	103826	ECUE 1L	1/50
BBUE 2L	2	103827	ECUE 2L	1/50
BBUE 3L	3	103828	ECUE 3L	1/50
BBUE 4L	4	103829	ECUE 4L	1/50
BBUE 1L 35	1	103831	ECUE 1L 35	1/50
BBUE 3L 35	3	103830	ECUE 3L 35	1/50

## Protection covers for busbars

- Protection covers for unused connection points on BBUE busbars
- 5 pieces connected together, breakable



Cover type	Cross section	Colour	Article No.	Type	Packing
L-type	10/16 mm <sup>2</sup>	yellow	105728	SPBB1	5/50
<ul style="list-style-type: none"> <li>• suitable for 1-phase (103798, 103799, 103800, 103801, 103802, 103803, 103804, 103805, 103806), 2-phase (103864, 103865) and 4-phase (103816, 103817, 103818, 103819) busbars</li> </ul>					
Roof-type	10/16 mm <sup>2</sup>	yellow	105729	SPBB2	5/50
<ul style="list-style-type: none"> <li>• suitable for 3-phase (103808, 103809, 103810, 103811, 103812, 103813, 103814, 103815) busbars</li> </ul>					
L-type	30/35 mm <sup>2</sup>	yellow	105730	SPBB3	5/50
<ul style="list-style-type: none"> <li>• suitable for 30 and 35 mm<sup>2</sup> (103807, 103820, 103821) busbars</li> </ul>					



# Technical Data BBU, BBP and BBUE

## Busbars BBU, BBP and BBUE

### General parameters

1, 2, 3 and 4-phase busbars

Length 1 meter (can be shortened) or shortened versions (2, 6, 9, 12, 18 modules)

Special type busbars are designed for connecting devices from the bottom or top side, the order of the devices is quoted from left

### Electrical parameters

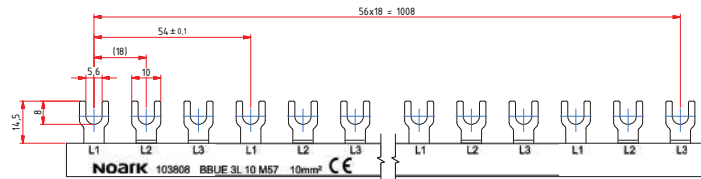
Tested according to	EN 60439-1
Rated operation voltage $U_e$	230 / 400 V AC
Rated current $I_e$	63 A (10 mm <sup>2</sup> ), 80 A (16 mm <sup>2</sup> ), 125 A (30/35 mm <sup>2</sup> )
Rated frequency f	50 Hz
Rated impulse withstand voltage $U_{imp}$	4 kV (BBU, BBP) 8 kV (BBUE 35), 6 kV (BBUE)

### Mechanical parameters

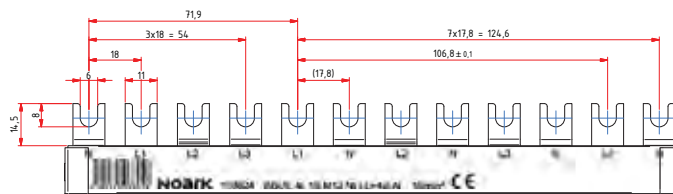
Busbar cross section	10 / 16 / 30 / 35 mm <sup>2</sup>
Connection point type	Fork or Pin
Connection point step	8.7 mm / 13.5 mm / 18 mm / 27 mm

### Dimensions

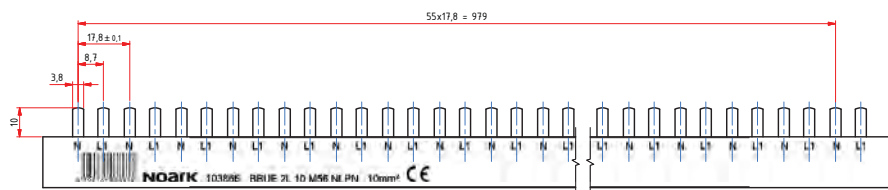
#### Fork types



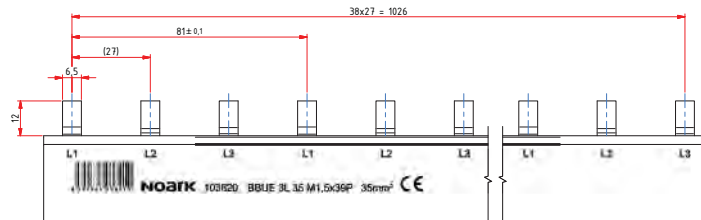
#### 4LN fork types



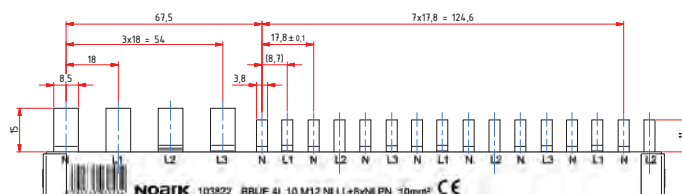
#### Pin types



#### 35 mm<sup>2</sup> pin types



#### Device combination types

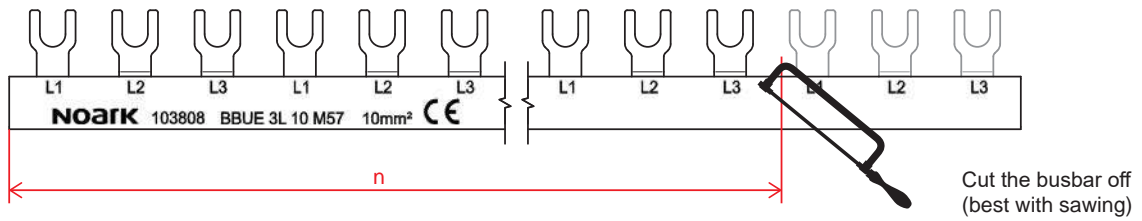


# Technical Data BBU, BBP and BBUE

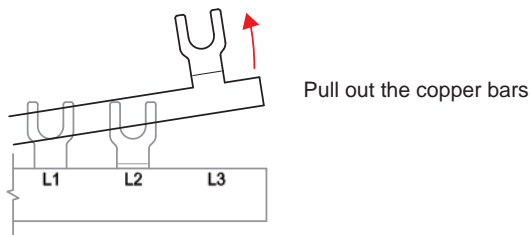
## Busbars BBU, BBP and BBUE

### Shortening

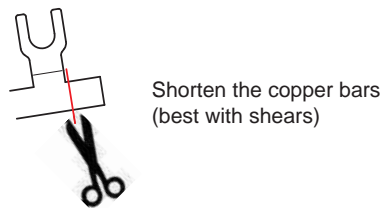
1)



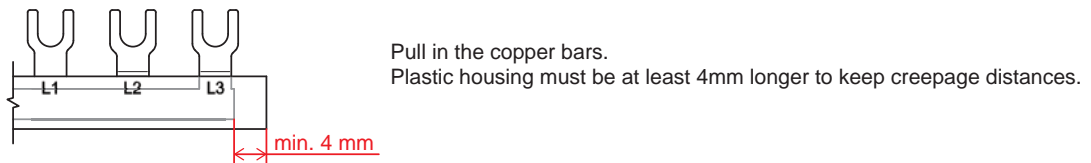
2)



3)



4)



5)

