Busbars **BBUK** and **BBPK**



- Busbars BBUK and BBPK for connection of installation devices
- 1, 2, 3 and 4-pole versions
- 10 mm² for 63 A, 16 mm² for 100 A
- 1 meter long or shortened versions
- Fork and pin type connection points

Busbars for simple and reliable interconnection of installation devices.

Endcaps are ordered separately

Type Key

BB	UK	1L	10	M12	NL
Product family	Style	Number of separate conductors	Cross section	Length in modules	Special conductors order
BB: Busbars	UK: Fork style PK: Pin style	1L: 1 way (L1 L1 L1 L1 ...) 2L: 2 ways (L1 N L1 N ...) 3L: 3 ways (L1 L2 L3 L1...) 4L: 4 ways (L1 L2 L3 N ...) 4LN: 4 ways (L1 N L2 N ...)	10: 10 mm² 16: 16 mm²	12 18 48 54 (1m) 56 (1m)	-: no special conductors NL: phase + neutral

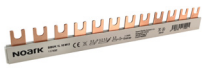
Certification marks

CE

Busbars **BBUK** and **BBPK**

One phase busbars

- 10 mm² for rated current up to 63 A
- 16 mm² for rated current up to 100 A
- Delivered without end caps



Cross section	Busbar style	Length MU	Article No.	Type	Packing
10 mm²	Fork	12 MU	117492	BBUK 1L 10 M12	1/40
10 mm²	Fork	18 MU	117493	BBUK 1L 10 M18	1/40
16 mm²	Fork	12 MU	117500	BBUK 1L 16 M12	1/40

Two phase busbars

- 10 mm² for rated current up to 63 A
- 16 mm² for rated current up to 100 A
- Delivered without end caps



Cross section	Busbar style	Length MU	Article No.	Type	Packing
10 mm²	Fork	56 MU	117494	BBUK 2L 10 M56	1/20
10 mm²	Pin	48 MU	117495	BBPK 2L 10 M48 NL	1/20
16 mm²	Fork	56 MU	117501	BBUK 2L 16 M56	1/20

Three phase busbars

- 10 mm² for rated current up to 63 A
- 16 mm² for rated current up to 100 A
- Delivered without end caps



Cross section	Busbar style	Length MU	Article No.	Type	Packing
10 mm²	Fork	12 MU	117496	BBUK 3L 10 M12	1/40
10 mm²	Fork	18 MU	117497	BBUK 3L 10 M18	1/40
16 mm²	Fork	12 MU	117502	BBUK 3L 16 M12	1/40

Four phase busbars

- 10 mm² for rated current up to 63 A for 4L and 100 A for 4LN
- 16 mm² for rated current up to 100 A
- Delivered without end caps

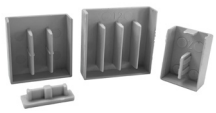


Cross section	Busbar style	Length MU	Article No.	Type	Packing
10 mm²	Fork	56 MU	117498	BBUK 4L 10 M56	1/40
10 mm²	Fork	54 MU	117499	BBUK 4LN 10 M54	1/40
16 mm²	Fork	56 MU	117503	BBUK 4L 16 M56	1/40
16 mm²	Fork	54 MU	117504	BBUK 4LN 16 M54	1/40

Busbars **BBUK** and **BBPK**

End caps

End caps for 1, 2, 3, 4 phase busbars.



Cross section	Busbar style	For number of phases	Article No.	Type	Packing
10 mm^2	Fork	1	117505	ECUK 1L 10	1/250/5000
16 mm^2	Fork	1	117509	ECUK 1L 16	1/250/5000
10 mm^2	Fork	2	117506	ECUK 2L 10	1/250/5000
16 mm^2	Fork	2	117510	ECUK 2L 16	1/250/5000
10 mm^2	Fork	3	117507	ECUK 3L 10	1/250/5000
16 mm^2	Fork	3	117511	ECUK 3L 16	1/250/5000
10 mm^2	Fork	4	117508	ECUK 4L 10	1/250/5000
16 mm^2	Fork	4	117512	ECUK 4L 16	1/250/5000

End cap compatibility table

Busbar	Compatible endcap
117492 BBUK 1L 10 M12	117505 ECUK 1L 10
117493 BBUK 1L 10 M18	
117494 BBUK 2L 10 M56	117506 ECUK 2L 10
117495 BBPK 2L 10 M48 NL	
117496 BBUK 3L 10 M12	117507 ECUK 3L 10
117497 BBUK 3L 10 M18	
117498 BBUK 4L 10 M56	117508 ECUK 4L 10
117499 BBUK 4LN 10 M54	
117500 BBUK 1L 16 M12	117509 ECUK 1L 16
117501 BBUK 2L 16 M56	117510 ECUK 2L 16
117502 BBUK 3L 16 M12	117511 ECUK 3L 16
117503 BBUK 4L 16 M56	117512 ECUK 4L 16
117504 BBUK 4LN 16 M54	

Technical Data **BBUK** and **BBPK**

Busbars BBUK and BBPK

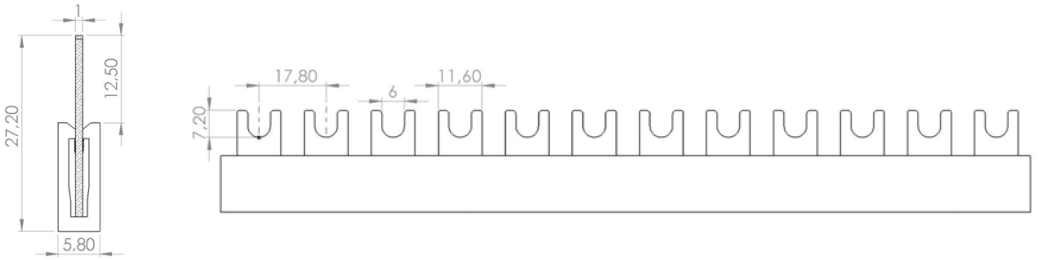
General parameters
1, 2, 3 and 4-phase busbars
Length in modules 12, 18, 48, 54 and 56
Endcaps sold separately

Electrical parameters	
Tested according to	EN 60947-7-1
Rated operation voltage U_e	230 / 400 V AC
Rated current I_e	63 A (10 mm^2), 100 A (16 mm^2)
Rated frequency f	50 Hz
Rated impulse withstand voltage U_{imp}	4 kV (BBPK,BBUK) 6 kV (BBUK 4LN)

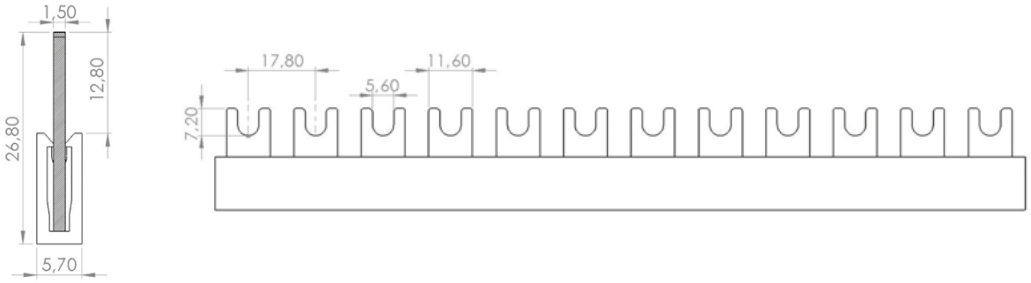
Mechanical parameters	
Busbar cross section	10 / 16 mm^2
Connection point type	Fork or Pin
Connection point step	17.80 / 18 / 8.90 mm

Dimensions

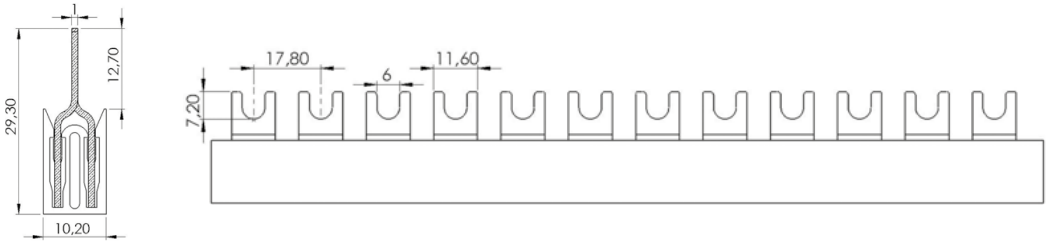
1L 10 mm²



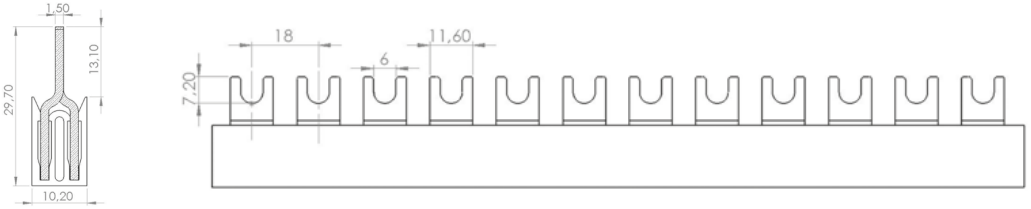
1L 16 mm²



2L 10 mm²



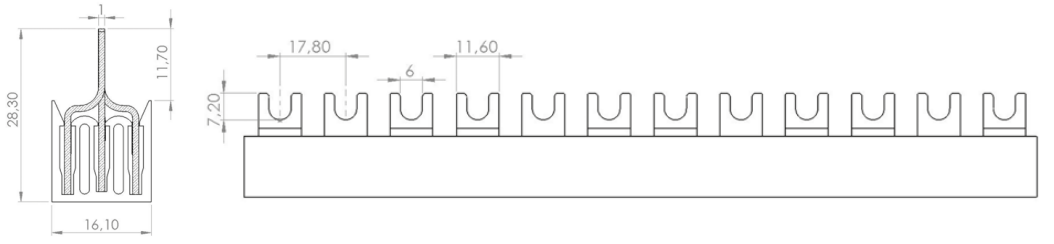
2L 16 mm²



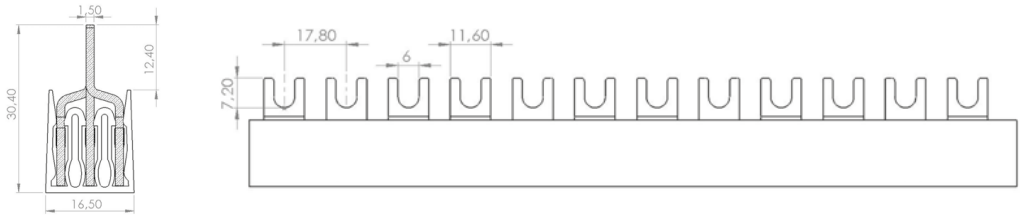
Busbars BBUK and BBPK

Dimensions

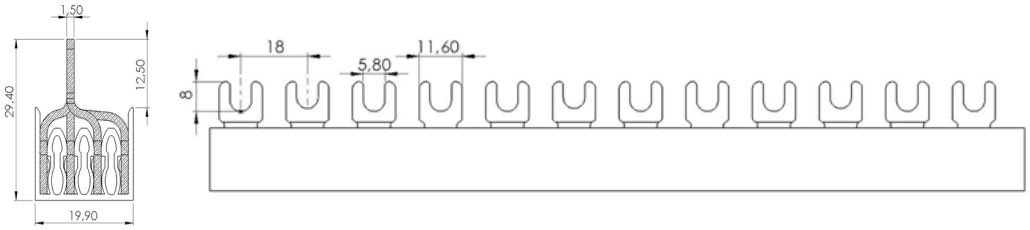
3L 10 mm²



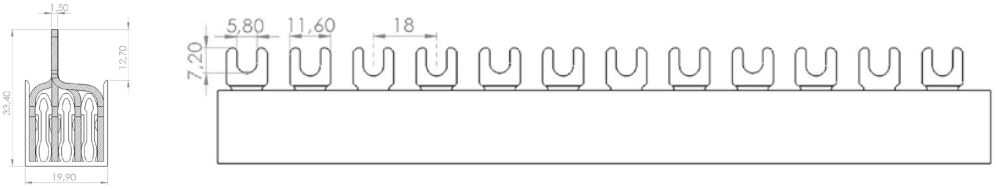
3L 16 mm²



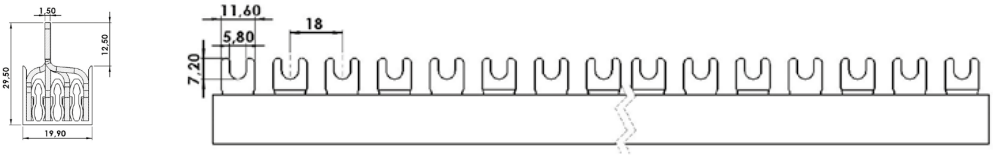
4L 10 mm²



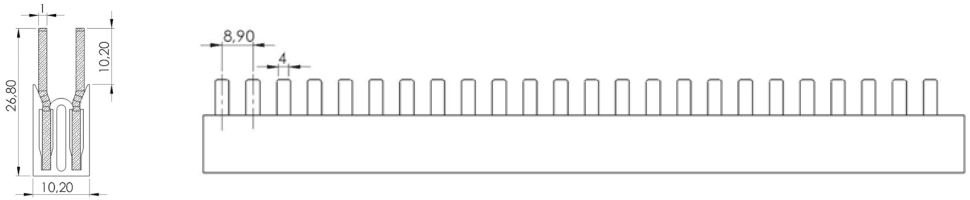
4L 16 mm²



4LN 10 mm²



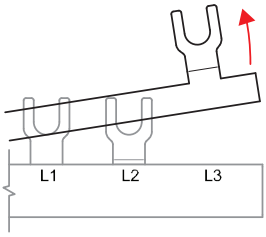
2LN 10 mm²



Busbars BBUK and BBPK

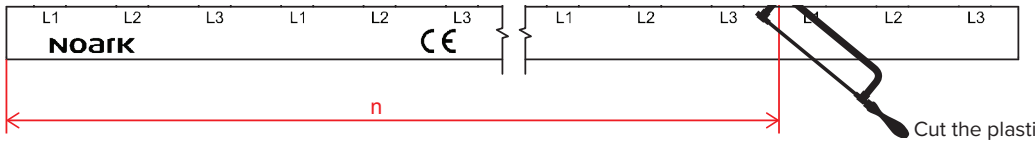
Shortening

1)



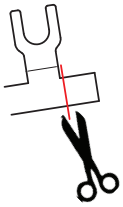
Pull out the copper bars

2)



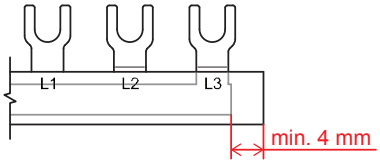
Cut the plastic part off
(preferably using a saw)

3)



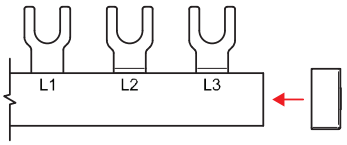
Shorten the copper bars
(preferably using shears)

4)



Push in the copper bars.
Plastic housing must be at least 4 mm longer to keep creepage distances.

5)



Clean all sawdust carefully and install end caps.