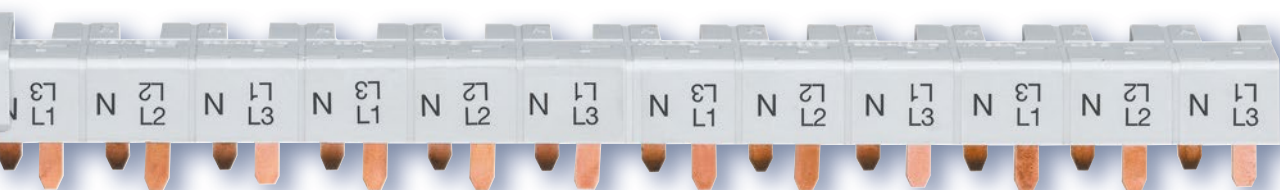


# Connection




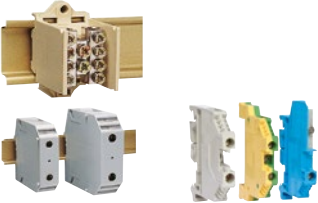
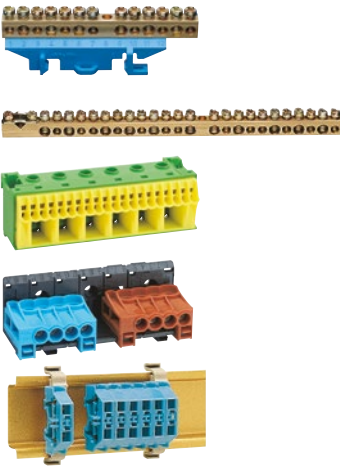
Insulated busbars, junction blocks, distribution blocks, terminals, all that is needed to quickly and efficiently mount devices in enclosures and distribution boards.
















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Prong supply busbars	7.4
Fork supply busbars	7.6
Distribution blocks	7.7
Multi-connection distribution blocks	7.8
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Connection type	Characteristics		
<b>Power distribution blocks</b> (page 7.7)  		Suitable for copper conductors	<b>Single pole distribution block</b>
	125 A	incoming: 1 x 35mm <sup>2</sup> + 1 x 16mm <sup>2</sup> outgoing: 6 x 16mm <sup>2</sup>	- mounted on DIN rail, grid or mounting plate - suitable for vega D, quadro, orion
	160 A	incoming: 1 x 70mm <sup>2</sup> outgoing: 6 x 16mm <sup>2</sup>	
	250 A	incoming: 1 x 35 - 95mm <sup>2</sup> outgoing: 2 x 6 - 25 <sup>2</sup> , 5 x 1.5 - 16mm <sup>2</sup> , 4 x 1.5 - 10 mm <sup>2</sup>	
	400 A	incoming: 1 x 95 - 150mm <sup>2</sup> outgoing: 2 x 6 - 25mm <sup>2</sup> , 5 x 1.5 - 16mm <sup>2</sup> , 4 x 1.5 - 10mm <sup>2</sup>	
<b>Stepped distribution blocks</b> (page 7.7)  	100 A	Suitable for copper conductors incoming: 2 connections per bar outgoing: 5 connections per bar	<b>Monoblock four poles distribution block</b> - front face cover - mounted on DIN rail, grid or mounting plate - suitable for vega D, quadro, orion
	125 A	incoming: 1 connections per bar outgoing: 14 connections per bar	- mounted on DIN rail four poles - 4 modules wide
	160 A	incoming: 1 connections per bar outgoing: 11 connections per bar	- 10 modules wide - 9 modules wide
<b>Multiconnection distribution blocks</b> (page 7.8)  	250 A	Suitable for copper conductors incoming: terminal per pole (3ph+N) outgoing: 25 neutral connections 12 connections per phases	<b>3 Ph + N</b> - for quadro4, quadro5, quadro+ - plug-in connectors for outgoing cable
<b>Blocks and terminals junction</b> (page 7.9 to 7.11)  		Suitable for copper conductors	<b>Junction block 1 - 2 - 3 - 4 - 5 poles</b> mounted on DIN rail
	125 A	incoming: 2 x 25 mm <sup>2</sup> outgoings: 4 x 16 mm <sup>2</sup>	
	230 A 300 A	Suitable for copper and aluminium 25 to 150 mm <sup>2</sup>	<b>Junction terminals</b> monochrome grey
	24 A to 192 A	Suitable for copper conductors 0.5 to 70 mm <sup>2</sup>	<b>Junction terminals</b> phase: grey neutral: blue earth: green / yellow
<b>Junction block and brass terminals</b> (page 7.12)  	60 A	Suitable for copper conductors 2 to 163 connections per terminal 10, 16, 25 mm <sup>2</sup>	<b>brass terminals</b> - can be mounted using bases (KZxxx) - version with base: to clip on 12 x 2 mm rails
	60A	Suitable for copper conductors 1.5 to 4 mm <sup>2</sup> quickconnect / collar terminals 1.5 to 25 mm <sup>2</sup> 5 <b>quickconnect</b> + 1 collar 8 <b>quickconnect</b> + 2 collars 11 <b>quickconnect</b> + 3 collars 14 <b>quickconnect</b> + 4 collars 17 <b>quickconnect</b> + 5 collars 20 <b>quickconnect</b> + 6 collars	<b>quickconnect and collar terminals</b> incoming: collar terminals outgoings: quickconnect terminals phase: brown neutral: blue earth: green / yellow jumper to connect 2 terminals together
	25 A to 250 A	Suitable for copper and aluminium 6 to 150 mm <sup>2</sup>	<b>Incoming collar terminals</b> <b>Souplex junction block</b> - anti shearing terminals - single or associated to make connection block
			<b>mini junction terminals</b> - spring collar connection

Connection type	Characteristics		
<b>MCB's Ph + N</b> 	63 A	KB163P or KB163N 	- KF83A*: 1 x 25 mm <sup>2</sup> flexible conductors, side or top incoming.  - KF83B*: 2 x 25 mm <sup>2</sup> flexible conductors, side incoming. - KF82A: 2 x 10 mm <sup>2</sup> flexible conductors, top incoming.
<b>Single pole MCB's and fuse carriers</b>	100 A	KB190B or KB190C 	- KF83C*: 1 x 25 mm <sup>2</sup> flexible conductors, side or top incoming.
<b>Double output four poles add on block MCB's Ph + N</b> 	63 A	KBN663A or KBN663C 	- KF83D*: 1 x 25 mm <sup>2</sup> flexible conductors, side or top incoming.   <b>Necessary for supplying directly through the busbar KBN663</b>
<b>Two poles MCB's</b> 	63 A	KB263A or KB263C 	- KF83C*: 1 x 25 mm <sup>2</sup> flexible conductors, side or top incoming. 
	80 A	KB280B	
<b>Three poles MCB's</b>	63 A	KB463A or KB463C 	- KF83C*: 1 x 25 mm <sup>2</sup> flexible conductors, side or top incoming.
	80 A	KB380B	
<b>Four pole MCB's</b> 	63 A	KB463A or KB463C 	- KF83C*: 1 x 25 mm <sup>2</sup> flexible conductors, side or top incoming.
	80 A	KB480B	
			* KF83x are suitable with aluminium and copper conductors

### Insulated universal supply busbars

- blue for neutral,
- brown for live
- for MCB's and fuse carriers 1 module width

### Single, double, three and four pole busbars

- for multipolar MCB from 0,5 to 63A
- for multipolar, single pole fuse carriers and SB switches

### Supply busbars 3 Ph+N shifted terminal

- suitable to connect the double output add-on block with MCB's Ph+N (balance phases)

Comply with IEC 60947-7 and IEC 60439-1.



KB163P

### Single pole supply busbars

- from 63 A up to 100 A version



KB163N



KB190C

In	Section	Width in module	Pack qty.	Cat. ref.
63 A	10 mm <sup>2</sup>	13	50	<b>KB163P</b>
63 A	10 mm <sup>2</sup>	18	20	<b>KB163PG</b>
63 A	10 mm <sup>2</sup>	13	50	<b>KB163N</b>
63 A	10 mm <sup>2</sup>	18	20	<b>KB163NG</b>
100 A	20 mm <sup>2</sup>	24	10	<b>KB190C</b>
100 A	20 mm <sup>2</sup>	57 (1m)	10	<b>KB190B</b>



KB263A

### Double pole supply busbars

In	Section	Width in module	Pack qty.	Cat. ref.
63 A	10 mm <sup>2</sup>	12	10	<b>KB263A</b>
63 A	10 mm <sup>2</sup>	24	10	<b>KB263C</b>
80 A	16 mm <sup>2</sup>	56 (1m)	10	<b>KB280B</b>



KB363A

### Three pole supply busbars

In	Section	Width in module	Pack qty.	Cat. ref.
63 A	10 mm <sup>2</sup>	12	10	<b>KB363A</b>
63 A	10 mm <sup>2</sup>	24	10	<b>KB363C</b>
80 A	16 mm <sup>2</sup>	12	25	<b>KB380A</b>
80 A	16 mm <sup>2</sup>	57 (1m)	10	<b>KB380B</b>



KB463A

### Four pole supply busbars

- equipped with end caps

In	Section	Width in module	Pack qty.	Cat. ref.
63 A	10 mm <sup>2</sup>	12	10	<b>KB463A</b>
63 A	10 mm <sup>2</sup>	24	10	<b>KB463C</b>
80 A	16 mm <sup>2</sup>	56 (1m)	10	<b>KB480B</b>

**Supply busbars 3 Ph+N shifted terminal**

- 1 module width for neutral
- 3 modules width for live
- equipped with 2 end caps and protection profiles

- KBN863A and KBN863C 1 three pole bar + 1 single pole bar



KBN663A

In	Section	Width in module	Pack qty.	Cat. ref.
63 A	10 mm <sup>2</sup>	12	8	<b>KBN663A</b>
63 A	10 mm <sup>2</sup>	24	8	<b>KBN663C</b>
63 A	10 mm <sup>2</sup>	12	10	<b>KBN863A</b>
63 A	10 mm <sup>2</sup>	24	10	<b>KBN863C</b>

**End caps**

- to insulate the ends of the busbars

Description	Pack qty.	Cat. ref.
for single busbars KB163P, KB163N	1	<b>KZ021</b>
for double busbars KB263A, KB263C	1	<b>KZ022</b>
for double / three pole busbars KB280B, KB363A, KDN263B, KB363C, KB380B, KDN363B	1	<b>KZ023A</b>
for four pole busbars KB463A, KB463C, KB480B, KDN463B	1	<b>KZ024</b>
for 3 Ph+N busbars KBN663A, KBN663C	10	<b>KZN624</b>



KZ021



KZ023A



KZN624

**Protection profiles**

- to insulate the spare prongs

Description	Pack qty.	Cat. ref.
5 modules width protection profile	10	<b>KZ059</b>



KZ059

### Fork insulated busbars

For modular devices equipped with biconnect terminals  
- multipolar MCB's from 0.5 to 63A (except Ph+N) and RCCB's

KF83A, KF83C and KF83D are compatible with aluminium and copper conductors.

Comply with IEC 60947-2 and IEC 60439-1.

### Entry terminals

For all prongs and fork supply busbars



KD190B



KDN263B



KDN363B



KDN463B

### Fork insulated busbars

Description	In	Section	Width in module	Pack qty.	Cat. ref.
single pole, 1 module width	100 A	20 mm <sup>2</sup>	57 (1 m)	10	<b>KD190B</b>
double pole, 2 modules width	63 A	10 mm <sup>2</sup>	56 (1 m)	20	<b>KDN263B</b>
three pole, 3 modules width	63 A	10 mm <sup>2</sup>	57 (1 m)	20	<b>KDN363B</b>
four pole, 4 modules width	63 A	10 mm <sup>2</sup>	56 (1 m)	10	<b>KDN463B</b>



KC416

### Set of 2 conductors with terminals swaged

- flexible cable H07VK  
- blue and black

Description	Pack qty.	Cat. ref.
<b>16 mm<sup>2</sup> for a 63A limited use</b>		
2 x 450 mm	1	<b>KC416</b>
2 x 650 mm	1	<b>KC616</b>
<b>25 mm<sup>2</sup> 16 mm<sup>2</sup> for a 90A limited use</b>		
2 x 450 mm	1	<b>KC025</b>



KF84A

### Fork connection terminals

- for fork busbars terminals  
- cable incoming: lateral  
- cable tightening with 2 screws

Description	Pack qty.	Cat. ref.
connection capacity: 1 x 25 mm <sup>2</sup>	10	<b>KF84A</b>



KF82A

### Prong connection terminals

- for devices with screw terminal  
- cable incoming: lateral  
- cable tightening with 2 screws

Description	Pack qty.	Cat. ref.
connection capacity: 1 x 16 mm <sup>2</sup>	10	<b>KF82A</b>



KF83A



KF83B



KF83C



KF83D

### Connection terminals

- cable incoming:  
for KF83A and KF83B: lateral  
for KF83C, KF83D and KF83E: lateral or top  
- cable tightening with 1 screw ( KF83A and KF83B only)

Description	Connection capacity	Pack qty.	Cat. ref.
for KB163P and KB83B	1 x 25 mm <sup>2</sup>	10	<b>KF83A</b>
for KB163P and KB83B	2 x 25 mm <sup>2</sup>	4	<b>KF83B</b>
for KB190B and KB263 to KB463	1 x 25 mm <sup>2</sup> for KB263 to KB463 (35 mm <sup>2</sup> rigid)	10	<b>KF83C</b>
for KBN663A to KBN663C	2 x 25 mm <sup>2</sup> flexible (35 mm <sup>2</sup> rigid)	4	<b>KF83D</b>
for KBN863A to KBN863C	2 x 25 mm <sup>2</sup> flexible (35 mm <sup>2</sup> rigid)	4	<b>KF83E</b>

### Single pole distribution blocks

- monoblocs
- insulated
- for copper conductor
- U<sub>i</sub>: 500V
- fixing on DIN rail, mounting plate and main devices plate kits.

Equipped with an insulated rear plate.

Comply with IEC 60 998-1 and IEC 60947-7-1.

### Stepped distribution blocks

- modular
- monobloc
- for copper conductors
- removable front cover
- U<sub>i</sub>: 500V
- fixing on DIN rail

### Single pole distribution blocks

Description	I <sub>pk</sub> (kA)	I <sub>cw</sub> (1s) (kA)	Connection capacity (rigid / flexible wires)	Width (mm)	Cat. ref.
125 A	25	4.2	- 2 x 6 to 35mm <sup>2</sup> / 2 x 10 to 35mm <sup>2</sup> - 1 x 1.5 to 16mm <sup>2</sup> / 2 x 2.5 to 25mm <sup>2</sup> - 6 x 1.5 to 10mm <sup>2</sup> / 6 x 1.5 to 16mm <sup>2</sup>	27	<b>KJ02DN</b>
160 A	36	8.4	- 2 x 16 to 50mm <sup>2</sup> / 2 x 25 to 70mm <sup>2</sup> - 3 x 1.5 to 16mm <sup>2</sup> / 3 x 2.5 to 25mm <sup>2</sup> - 8 x 1.5 to 10mm <sup>2</sup> / 8 x 1.5 to 16mm <sup>2</sup>	36	<b>KJ02CN</b>
250 A	60	14.4	- 1 x 25 to 95mm <sup>2</sup> / 1 x 35 to 120mm <sup>2</sup> - 1 x 1.5 to 35mm <sup>2</sup> / 3 x 1.5 to 50mm <sup>2</sup> - 4 x 1.5 to 10mm <sup>2</sup> / 4 x 1.5 to 16mm <sup>2</sup> - 8 x 1.5 to 16mm <sup>2</sup> / 8 x 2.5 to 25mm <sup>2</sup>	45	<b>KJ02AN</b>
400 A	514A	2	incoming: 1x150 mm <sup>2</sup> outgoing: 2x25 + 5x16 + 4x10 mm <sup>2</sup>	45	<b>KJ02B</b>



KJ02B

### Modular distribution monobloc

- h. 74.5 x d. 45 mm

Description	I <sub>pk</sub> (kA)	Connection capacity per bar	Width (mm)	Cat. ref.
100 A - four pole	25	per phase: 1x25 + 2x10 + 5x6 mm <sup>2</sup> neutral: 1x25 + 6x10 + 4x6 mm <sup>2</sup>	98 (5.5 modules)	<b>KJ02E</b>



KJ02E

### Stepped distribution blocks Brass busbar terminals

Description	I <sub>pk</sub> (kA)	Connection capacity per bar	Width (mm)	Cat. ref.
100 A - four pole 4 x 7 connection points	24	2 x 25 + 5 x 16 mm <sup>2</sup> rigid wire 2 x 16 + 5 x 10 mm <sup>2</sup> with ferrule	71 (4 modules)	<b>KJ100A</b>
125 A - four pole 4x15 connection points	28	1x35 + 3x35 + 11x16 mm <sup>2</sup> rigid wire 1x35 + 3x25 + 11x16 mm <sup>2</sup> with ferrule	170 mm (10 modules)	<b>KJ125B</b>
160 A - four pole 4x12 connection points	36	1x70 + 3x35 + 8x25 mm <sup>2</sup> rigid wire 1x50 + 3x25 + 8x16 mm <sup>2</sup> with ferrule	162 mm (9 modules)	<b>KJ160A</b>



KJ100A



KJ160A

### Additional neutral bar

Description	Connection capacity	Cat. ref.
100 A 7 connection points	2x25 + 5x10 mm <sup>2</sup> rigid wire 2x16 + 5x6 mm <sup>2</sup> with ferrule	<b>KJ07NB</b>
125 A 12 connection points	1x35 + 7x25 + 4x16 mm <sup>2</sup> rigid wire 1x25 + 7x16 + 4x10 mm <sup>2</sup> with ferrule	<b>KJ12NB</b>
125 A 15 connection points	1x35 + 3x35 + 11x16 mm <sup>2</sup> rigid wire 1x25 + 3x25 + 11x10 mm <sup>2</sup> with ferrule	<b>KJ15NB</b>



KJ15NB



### Four pole multi-connection system 250A

- to supply 2, 3 and 4 pole devices on the same Din rail
- for quadro enclosures 700 mm wide
- incoming connection with 4 screw lugs
- outgoing connection with insulated flexible connectors
- delivered with: 6 insulated blue wires 6mm<sup>2</sup>, 12 insulated brown wires 6mm<sup>2</sup> and 2 angle brackets for quadro enclosures



KJ03A

### Four pole multi-connection distribution block 250A

- In under 40°C:
  - per pole: 250A
  - 40A with connector 6 mm<sup>2</sup>
  - 63A with connector 10 mm<sup>2</sup>
- Isc peak: 60kA
- Un: 500 V AC - 50 Hz
- 60 outgoing connections:
  - 24 neutral outgoing
  - 12 outgoing per phase cross section: 6 and 10 mm<sup>2</sup>

Description	Cat. ref.
without connectors	<b>KJ03A</b>
with connectors	<b>KJ03B</b>



KZ007

### Plug-in connector terminals

Description	Cat. ref.
plug-in connector terminals	<b>KZ007</b>



KZ002

KZ001

### Connectors

Description	Length (mm)	Cat. ref.	
		blue	black
40 A, 6 mm <sup>2</sup>	120	<b>KZ001</b>	<b>KZ002</b>
40 A, 6 mm <sup>2</sup>	500	<b>KZ051</b>	<b>KZ052</b>
63 A, 10 mm <sup>2</sup>	120	<b>KZ004</b>	<b>KZ005</b>
63 A, 10 mm <sup>2</sup>	500	<b>KZ074</b>	<b>KZ075</b>

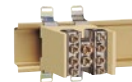
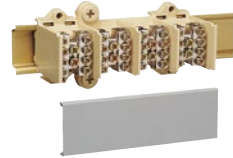
**Junction blocks**

- suitable for copper conductors
- incoming: 2x 25mm<sup>2</sup> / 2x35mm<sup>2</sup>
- outgoing: 4x16mm<sup>2</sup>
- In max: 125A
- fixing on DIN rail
- horizontal or vertical fixing for K024 and K025

**Junction blocks with front protection cover**

- connection per pole for K018, K023, K024, K025:
  - incoming: 2 x 25 mm<sup>2</sup>
  - outgoing: 4 x 16 mm<sup>2</sup>
- connection per pole for K037:
  - incoming: 1 x 35 mm<sup>2</sup>
  - outgoing: 4 x 25 mm<sup>2</sup>

Description	Dimensions	Width in module	Cat. ref.
1 pole	w.40 x h. 55 x d. 40 mm	2.5	<b>K018</b>
2 poles	w.65 x h. 55 x d. 35 mm	4	<b>K023</b>
4 poles	w.120 x h. 55 x d. 45 mm	7	<b>K024</b>
5 poles	w.150 x h. 55 x d. 45 mm	8.5	<b>K025</b>
1 pole	w. 41 x h. 55 x d. 53 mm	2.5	<b>K037</b>



K023  
K024  
K037

**Junction block fixed on DIN rail**

- tightening by hexagonal wrench

Description	Width in mm	Cat. ref.
25 to 95 mm <sup>2</sup>	25	<b>KR95P</b>
35 to 150 mm <sup>2</sup>	31	<b>KR15P</b>



KR95P KR15P

**Connection terminals**

- fixing on DIN rail
- 2 x 5 terminals domino

Description	Cat. ref.
for 2,5 mm <sup>2</sup> wire	<b>K010</b>



K010

**Earth cutting bar**

- equipped with 70 mm<sup>2</sup> cable clamp

Description	Cat. ref.
50 mm <sup>2</sup> cross section	<b>K085</b>

### Connection capacity

Screw connection

- 0.5 to 150mm<sup>2</sup> flexible wire.

- 0.5 to 185mm<sup>2</sup> rigid wire

### Description

- In max: 24 to 309A

- screw connection terminals

- fixing on DIN rail

- the earth terminals are equipped with a metallic mounting base

- comply with IEC 60947-7-1

- suitable for copper conductors



KXA04LH

### Phase terminals (grey)

Cross-section flexible (mm <sup>2</sup> )	rigid (mm <sup>2</sup> )	In	Width (mm)	Pack qty.	Cat. ref.
0.5 - 2.5	0.5 - 4	24 A	5	100	<b>KXA02LH</b>
0.5 - 4	0.5 - 6	32 A	6	100	<b>KXA04LH</b>
1 - 10	1.5 - 16	57 A	10	50	<b>KXA10L</b>
1 - 16	1.5 - 25	76 A	12	50	<b>KXA16L</b>
6 - 35	6 - 50	125 A	16	20	<b>KXA35L</b>
10 - 70	16 - 95	192 A	24	20	<b>KXB70LH</b>
35 - 150	35 - 185	309 A	28	10	<b>KXB150LH</b>



KXA04NH

### Neutral terminals (blue)

Cross-section flexible (mm <sup>2</sup> )	rigid (mm <sup>2</sup> )	In	Width (mm)	Pack qty.	Cat. ref.
0.5 - 2.5	0.5 - 4	24 A	5	100	<b>KXA02NH</b>
0.5 - 4	0.5 - 6	32 A	6	100	<b>KXA04NH</b>
1 - 10	1.5 - 16	57 A	10	50	<b>KXA10N</b>
1 - 16	1.5 - 25	76 A	12	50	<b>KXA16N</b>
6 - 35	6 - 50	125 A	16	20	<b>KXA35N</b>
10 - 70	16 - 95	192 A	24	20	<b>KXB70NH</b>
35 - 150	35 - 185	309 A	28	10	<b>KXB150NH</b>



KXA02E

### Earth terminals (green / yellow)

Cross-section flexible (mm <sup>2</sup> )	rigid (mm <sup>2</sup> )	In	Width (mm)	Pack qty.	Cat. ref.
0.5 - 2.5	0.5 - 4	24 A	5	100	<b>KXA02E</b>
0.5 - 4	0.5 - 6	32 A	6	100	<b>KXB04E</b>
1 - 10	1.5 - 16	57 A	10	50	<b>KXA10E</b>
1 - 16	1.5 - 25	76 A	12	50	<b>KXA16E</b>
6 - 35	6 - 50	125 A	16	20	<b>KXB35E</b>
10 - 70	16 - 95	192 A	24	20	<b>KXB70E</b>

### Insulated end caps

- beige

Description	Pack qty.	Cat. ref.
for junction terminals KXA02xx and KXA04xx	10	<b>KWE01G</b>
for junction terminals KXA10xx and KXA16xx	10	<b>KWE04G</b>
for junction terminals KXA35xx	10	<b>KWE03G</b>

**Insulated end stops**

- black

Description	Pack qty.	Cat. ref.
for junction terminals 4 to 50 mm <sup>2</sup>	100	<b>KWB01</b>
for junction terminals KXB70LH	100	<b>KWB02</b>



KWB01

**Bridging bars for screw junction terminals**

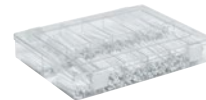
- re-assembled bars  
- consecutive or alternative connection

Description	Pack qty.	Cat. ref.
for 10 terminals KXA02xx	10	<b>KWJ02B10</b>
for 10 terminals KXA04xx	10	<b>KWJ04B10</b>
for 10 terminals KXA10xx	10	<b>KWJ10B10</b>

**Marking strips box (0-9)**

- for junction terminals

Description	Pack qty.	Cat. ref.
transparent box with 50 strips of 10 markers from 0 to 9	1	<b>KWL001</b>
set of 25 strips of 100 markers from 1 to 100	1	<b>KWL002</b>
set of 25 strips of 100 markers from 101 to 200	1	<b>KWL003</b>
set of 25 strips of 5 markers L1, L2, L3, N and PE	1	<b>KWL004</b>



KWL001

### Brass distribution terminals









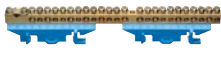



- suitable for copper conductors
- for live, neutral or earth distribution
- In : 60A

### Brass distribution terminal on support

- neutral: blue support
- live: beige support

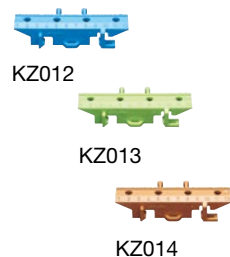
### Brass distribution terminal without support

- mounting on support (KZ0xx)
- directly on the structure
- delivered with mounting screws

		Brass distribution terminals						
		- KM17N and K25N includes 2 supports						
	Connection capacity (mm <sup>2</sup> )	Number of connections	Length (mm)	Cat. ref. with support			without support	
				neutral	earth	live		
 KM04L	2 x 16 + 2 x 10	4	30	-	-	<b>KM04L</b>	<b>K140</b>	
 KM08L	4 x 16 + 4 x 10	8	30	-	-	<b>KM08L</b>	-	
 KM07N	3 x 16 + 4 x 10	7	49	<b>KM07N</b>	<b>KM07E</b>	<b>KM07L</b>	<b>K142</b>	
	5 x 16 + 5 x 10	10	67	<b>KM10A</b>	<b>KM10B</b>	<b>KM10C</b>	<b>K143</b>	
 KM10B	5 x 16 + 6 x 10	11	73	<b>KM11N</b>	<b>KM11E</b>	<b>KM11L</b>	<b>K144</b>	
	2 x 16 double tightening + 8 x 10	10	69	<b>KM10N</b>	<b>KM10E</b>	<b>KM10L</b>	<b>K145</b>	
 KM10E	6 x 16 + 7 x 10	13	85	<b>KM13N</b>	<b>KM13E</b>	-	<b>K148</b>	
	1 x 25 + 5 x 16 + 5 x 10	11	85	-	<b>KM11B</b>	-	<b>K151</b>	
 KM11B	1 x 25 + 8 x 16 + 8 x 10	17	121	<b>KM17N</b>	<b>KM17E</b>	-	<b>K156</b>	
	1 x 25 + 11 x 16 + 13 x 10	25	169	<b>KM25N</b>	<b>KM25E</b>	-	<b>K158</b>	
 KM13N	1 x 25 + 8 x 16 + 29 x 10		242	-	-	-	<b>K159</b>	
	1 x 25 + 16 x 16 + 61 x 10		482	-	-	-	<b>K160F</b>	
 KM11N	1 x 25 + 33 x 16 + 129 x 10		992	-	-	-	<b>K162F</b>	
 K151								
 KM25N								
 K158								
 K159								

### Support for brass distribution terminals

- for K140 to K162
- insulated support
- delivered with 8 x M4 screws



Description	Cat. ref.
blue support, for neutral	<b>KZ012</b>
green / yellow support, for earth	<b>KZ013</b>
beige support, for live	<b>KZ014</b>

**Flat bar 12 x 2 carrier**

- for mounting the brass distribution terminals with support in all enclosures

**Rail fixing clips**

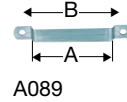
- for mounting brass distribution terminals with support thanks to the rail fixing clips on DIN rail

**DIN rail**

- for mounting brass distribution terminals, distribution blocks, junction terminals and blocks  
- electro-zinc coated and bichromated  
- length : 2m

**Strip support**

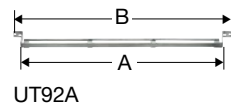
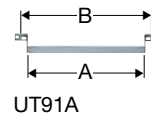
Description	Dimensions		Cat. ref.
	A	B	
for one brass distribution terminals, with support	55 mm	74 mm	<b>A08900</b>



**Crossbar carrier**

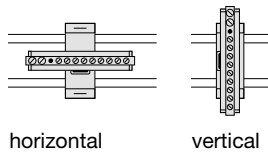
- for brass distribution terminals with support

Description	Dimensions		Cat. ref.
	A	B	
250mm width	205 mm	225 mm	<b>UT91A</b>
500mm width	435 mm	480 mm	<b>UT92A</b>



**Rail fixing clips**

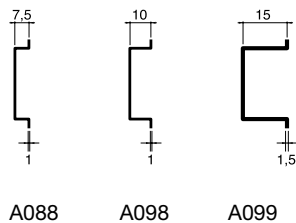
- to mount brass distribution terminals with support KZ012, K013, KZ014 on DIN rails  
- horizontal or vertical mounting in DIN rail



Description	Cat. ref.
20 mm width	<b>KZ060F</b>
10 mm width	<b>KZ061</b>

**Symmetrical DIN rails**

- DIN 46277/3



Description	Cat. ref.
7.5 mm depth x 35 mm width	<b>A08800</b>
10 mm depth x 35 mm width	<b>A09800</b>
15 mm depth x 35 mm width	<b>A09900</b>



A099E

**Perforate symmetrical DIN rails**

- DIN 46277/2



Description

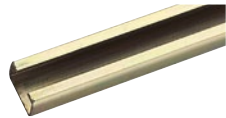
5 mm depth x 10 mm width

10 mm depth x 15 mm width

Cat. ref.

**A099E**

**A099B**



A099C



A099D

**DIN rail for structure**

- DIN 46277/2



Description

rail 15 mm depth x 25 mm width

sliding nuts M6 for A099C

Cat. ref.

**A099C**

**A099D**

**Screw for metal sheet**

- DIN 46277/1

Description

tapping screw 3,5mmx12mm

Cat. ref.

**KZ062**

**quickconnect and screw terminals**

- suitable for copper conductors
- to connect live, neutral or earth wire
- insulated material
- In : 63A
- Ui : 400V
- IP: 2x
- equipped with quickconnect terminals up to 4mm<sup>2</sup> and screw terminals up to 25mm<sup>2</sup>

- can be fitted directly on the pre-mounted support in volta, vector, vega18, vegaD, gala and gamma enclosures
- also available as accessories

Comply with NF EN 60998



KN06P



KN22N



KN26E

Number of connections quickconnect terminals 1.5 to 4 mm <sup>2</sup>	screw terminals 1.5 to 25 mm <sup>2</sup>	Cat. ref. blue neutral	brown live	green / yellow earth
5	1	<b>KN06N</b>	<b>KN06P</b>	<b>KN06E</b>
8	2	<b>KN10N</b>	<b>KN10P</b>	<b>KN10E</b>
11	3	<b>KN14N</b>	<b>KN14P</b>	<b>KN14E</b>
14	4	<b>KN18N</b>	<b>KN18P</b>	<b>KN18E</b>
17	5	<b>KN22N</b>	<b>KN22P</b>	<b>KN22E</b>
20	6	<b>KN26N</b>	<b>KN26P</b>	<b>KN26E</b>

**Equipotential bridgings**

- to link 2 quickconnect terminals



KN 99P

Description	Cat. ref.
neutral	<b>KN99N</b>
live	<b>KN99P</b>
earth	<b>KN99E</b>

**Support for quickconnect terminals**

Description	Cat. ref.
for vega 18 surface, vega D	<b>VZ710</b>
for volta, vector	<b>VZ711</b>
for vega 12	<b>VZ707N</b>
for vega 18	<b>VZ708N</b>
for gamma	<b>GZ30A</b>



VZ 710



VZ711



GZ30A

**Universal support for terminals**

- mounting on 12 x 2 flat bar or on DIN rail in quadro enclosures



KN00A

Description	Cat. ref.
breakable support to fit on with the terminals length, 105 mm length	<b>KN00A</b>

**Incoming screw terminals**

- wire connection up to 25 mm<sup>2</sup>
- Ui = 630 V, 90 A
- clips on the same support as the quickconnect terminals



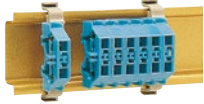
KN07N

Description	Cat. ref.
<b>Neutral screw terminals</b>	
4 x 25 mm <sup>2</sup>	<b>KN04N</b>
7 x 25 mm <sup>2</sup>	<b>KN07N</b>
<b>Phase screw terminals</b>	
4 x 25 mm <sup>2</sup>	<b>KN04P</b>
7 x 25 mm <sup>2</sup>	<b>KN07P</b>



KN04P



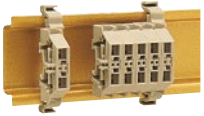


K890

### Mini-junction terminals

- suitable for copper conductors In maxi: 15 A
- spring connections
- adapts automatically to the cross section wire
- reliable contact, good vibration resistance
- connection capacity: 0.14 to 2.5 mm<sup>2</sup>

- delivered with marking labels
- comply with NF EN 60998



K891

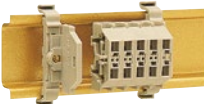


K892



K893

Description	Width in modules	Cat. ref.
blue	6	<b>K89000</b>
grey	6	<b>K89100</b>
green	6	<b>K89200</b>
orange	6	<b>K89300</b>

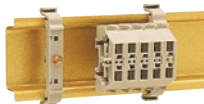


K894

### Insulated end caps

- to close a row of mini-junction terminals
- delivered with 100 capscrew 2,9 x 9,5 mm

Description	Cat. ref.
insulated end caps	<b>K89400</b>



K895

### Adaptors for symmetrical DIN Rail

- accessories to mount mini-junction terminals on DIN rail
- delivered with fixing screw

Description	Cat. ref.
adaptors for symmetrical DIN rail	<b>K89500</b>

**"Souplex" junction blocks**

For copper and aluminium conductors.  
An anti-shearing system ensures a good tightening and a long term quality connection.  
Suitable for 2 cable connection.

- Version without support: for a single use
- Version with support: single or associated to make connection blocks

Comply with NF C 20-110 and EN 60685-2-2.

**"Souplex" junction blocks**

- in unbreakable insulated material

Description	In (max.)	Cat. ref.	
		without support	with support
2 x 6 mm <sup>2</sup>	25 A	<b>K10601</b>	<b>K20601</b>
2 x 10 mm <sup>2</sup>	32 A	<b>K11001</b>	<b>K21001</b>
2 x 16 mm <sup>2</sup>	40 A	<b>K11601</b>	<b>K21601</b>
2 x 25 mm <sup>2</sup>	63 A	<b>K125</b>	<b>K22501</b>
2 x 35 mm <sup>2</sup>	80 A	<b>K135</b>	<b>K23501</b>
2 x 70 mm <sup>2</sup>	160 A	-	<b>K270</b>
2 x 150 mm <sup>2</sup>	250 A	-	<b>K2150</b>

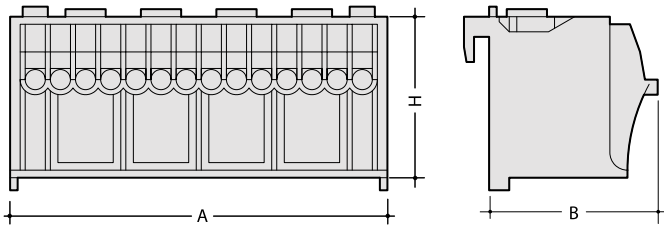


**Supports for junction blocks**

- length: 1 m

Description	Cat. ref.	
	without support	with support
6 to 25 mm <sup>2</sup>	-	<b>K09800</b>
35 mm <sup>2</sup>	-	<b>K09900</b>

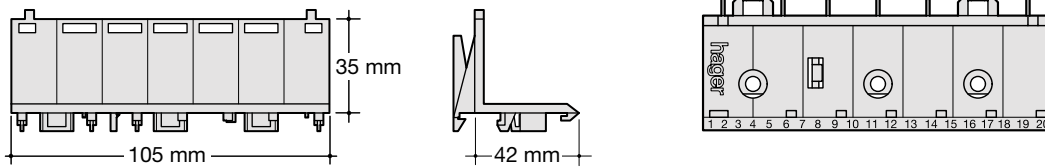
## Neutral, earth and live terminals



	quickconnect terminals						Screw terminals	
	KN06N KN06P KN06E	KN10N KN10P KN10E	KN14N KN14P KN14E	KN18N KN18P KN18E	KN22N KN22P KN22E	KN26N KN26P KN26E	KN04N KN04P	KN07N KN07P
H	33 mm	33 mm	33 mm	33 mm	33 mm	33 mm	33 mm	33 mm
A	30 mm	45 mm	60 mm	75 mm	90 mm	105 mm	45 mm	75 mm
B	34 mm	34 mm	34 mm	34 mm	34 mm	34 mm	18 mm	18 mm

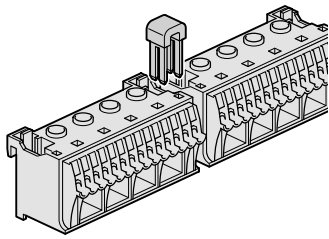
## Terminal supports

### KN00A universal supports

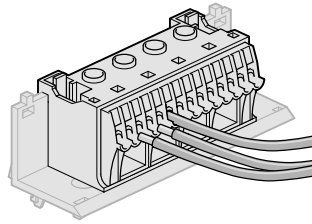


**Connection**

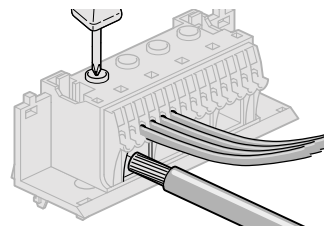
Bridge for 2 terminals



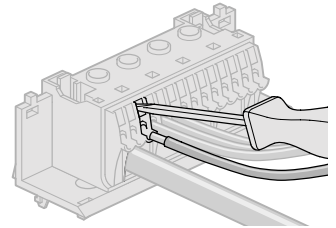
quickconnect 1,5 to 4 mm<sup>2</sup> wires



max. 25 mm<sup>2</sup> wires in a cage terminal

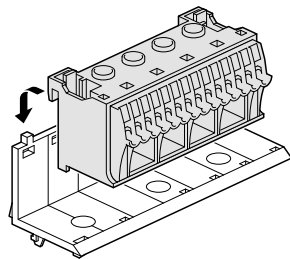


disconnecting with screwdriver

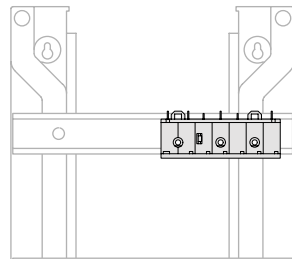


**Mounting**

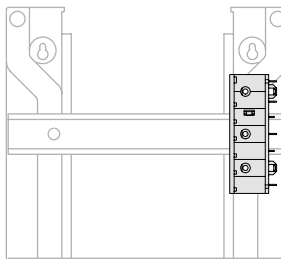
clipping on terminal supports or universal supports



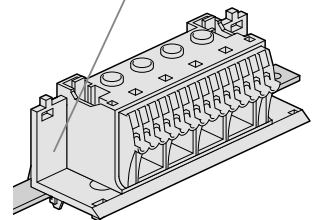
universal support : horizontal mounting on DIN rail



vertical mounting on DIN rail



breakable universal support



**Combinations: quantity of quickconnect terminals**

quickconnect terminals	KN06N/P/E	KN10N/P/E KN04N/P	KN14N/P/E	KN18N/P/E KN07N/P	KN22N/P/E	KN26N/P/E
number of blocks	1	1.5	2	2.5	3	3.5

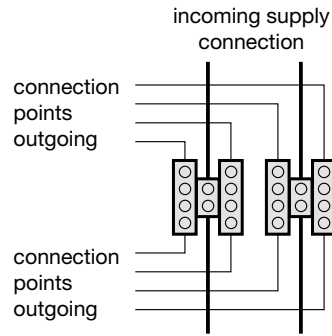
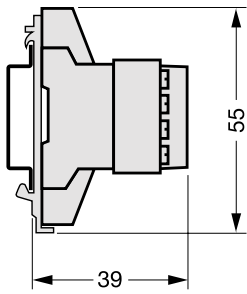
  

quickconnect terminals supports	VZ710 vega 18 surface, vega D	GZ30A gamma	VZ711 vector, volta, gala, vega 18 flush	KN00A universal support
number of blocks	10.5	6.5	8	3.5

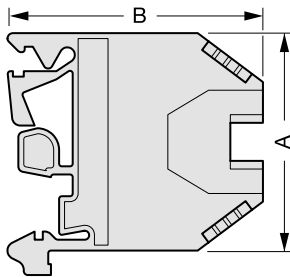
The bases above accept blocks combinations (neutral, phase and earth).  
Connection between same terminals is done using equipotential bridgings (KN99x).

### Dimensions (in mm)

Junction blocks: K018, K023, K024, K025, K037

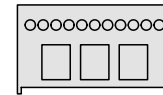


### Junction terminals



terminals	A (mm)	B (mm)
<b>KXA02LH, KXA02NH, KXA02E</b> <b>KXA04LH, KXA04NH, KXB04E</b>	44.5	48.5
<b>KXA10L, KXA10N, KXA10E</b> <b>KXA16L, KXA16N, KXA16E</b> <b>KXA35L, KXA35N, KXB35E</b>	58	51.5
<b>KXB70LH</b>	76	79
<b>KR15P</b>	184	100
<b>KR95P</b>	83	83

### Mini-junction terminals



## Distribution blocks for copper conductors

Cat. ref.	Description	In/ 40°C	Ui	Warming  Δt° @ In according to IEC 60947- 7-1:2002 §8.4.5	Circuit resistance		Cable connections per pole		Tightening torque
					Ipk according to IEC 61439-1 §8.2.3.2	Icw (1s) according to IEC 60947- 7-1:2002 §8.4.6	solid cable without ferrule	flexible cable with ferrule	
<b>KJ100A</b>	4P brass busbar terminal	100A	500V AC	34°K	24kA	3kA	2 x 2.5-25mm <sup>2</sup> 5 x 1.5-16mm <sup>2</sup>	2 x 2.5-25mm <sup>2</sup> 5 x 1.5-16mm <sup>2</sup>	2N.m 2N.m
<b>KJ125B</b>	4P brass busbar terminal	125A	500V AC	42.8°K	28kA	4.2kA	1 x 10-35mm <sup>2</sup> 3 x 6-35mm <sup>2</sup> 11 x 1.5-16mm <sup>2</sup>	1 x 6-35mm <sup>2</sup> 3 x 4-25mm <sup>2</sup> 11 x 1.5-10mm <sup>2</sup>	2.5N.m 2N.m 2N.m
<b>KJ160A</b>	4P brass busbar terminal	160A	500V AC	40.2°K	36kA	8.4kA	1 x 25-70mm <sup>2</sup> 3 x 10-35mm <sup>2</sup> 8 x 2.5-25mm <sup>2</sup>	1 x 16-50mm <sup>2</sup> 3 x 4-25mm <sup>2</sup> 8 x 1.5-16mm <sup>2</sup>	5N.m 2.5N.m 2N.m

Cat. ref.	Description	In	Ui	Warming  Δt° @ In according to IEC 60947- 7-1:2002 §8.4.5	Circuit resistance		Cable connections per pole		Tightening torque	Width
					Ipk according to IEC 61439-1 §8.2.3.2	Icw (1s) according to IEC 60947- 7-1:2002 §8.4.6	solid cable without ferrule	flexible cable with ferrule		
<b>KJ02DN</b>	1P 125A	125A	500V AC	17°K	25kA	4.2kA	2 x 10 - 35mm <sup>2</sup> 2 x 2.5 - 25mm <sup>2</sup> 6 x 1.5 - 16mm <sup>2</sup>	2 x 6 - 35mm <sup>2</sup> 2 x 1.5 - 16mm <sup>2</sup> 6 x 1.5 - 10mm <sup>2</sup>	8N.m 2N.m 2N.m	27mm (1.5 mod.)
<b>KJ02CN</b>	1P 160A	160A	500V AC	21.5°K	36kA	8.4kA	2 x 25 - 70mm <sup>2</sup> 3 x 2.5 - 25mm <sup>2</sup> 8 x 1.5 - 16mm <sup>2</sup>	2 x 16 - 50mm <sup>2</sup> 3 x 1.5 - 16mm <sup>2</sup> 8 x 1.5 - 10mm <sup>2</sup>	9N.m 2N.m 2N.m	36mm (2 mod.)
<b>KJ02AN</b>	1P 250A	250A	500V AC	15°K	60kA	14.4kA	1 x 35 - 120mm <sup>2</sup> 1 x 1.5 - 50mm <sup>2</sup> 4 x 1.5 - 16mm <sup>2</sup> 8 x 2.5 - 25mm <sup>2</sup>	1 x 25 - 95mm <sup>2</sup> 1 x 1.5 - 35mm <sup>2</sup> 4 x 1.5 - 10mm <sup>2</sup> 8 x 1.5 - 16mm <sup>2</sup>	10N.m 4N.m 2N.m 2N.m	45mm (2.5 mod.)
<b>KJ02B</b>	1P 400A	400A	500V AC	20°K	51kA	21kA	1 x 95 - 185mm <sup>2</sup> 2 x 6 - 35mm <sup>2</sup> 5 x 1.5 - 16mm <sup>2</sup> 4 x 1.5 - 10mm <sup>2</sup>	2 x 6 - 25mm <sup>2</sup> 5 x 1.5 - 16mm <sup>2</sup> 4 x 1.5 - 10mm <sup>2</sup>	25N.m 3.5N.m 2N.m 2N.m	45mm (2.5 mod.)
<b>KJ02E</b>	4P 100A	100A	500V AC	18°K	25kA	4.2kA	Phase 1 x 6 - 35mm <sup>2</sup> 2 x 4 - 16mm <sup>2</sup> 5 x 1.5 - 6mm <sup>2</sup>  Neutral 1 x 6 - 35mm <sup>2</sup> 6 x 4 - 16mm <sup>2</sup> 4 x 1.5 - 6mm <sup>2</sup>	Phase 1 x 6 - 35mm <sup>2</sup> 2 x 4 - 16mm <sup>2</sup> 5 x 1.5 - 6mm <sup>2</sup>  Neutral 1 x 6 - 35mm <sup>2</sup> 6 x 4 - 16mm <sup>2</sup> 4 x 1.5 - 6mm <sup>2</sup>	1.5N.m 1.5N.m 0.8N.m  1.5N.m 1.5N.m 0.8N.m	98mm (5.5 mod.)

All technical data and product comply to the standard IEC 947-1