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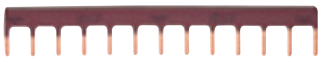
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Find the *Hager KDN 163B* at our website: ***Click HERE***

Insulated busbars - prong


KB 063P


KB 163N


KB 190C


KB 263A


KB 363A


KB 463A


KF 81A


KF 82A


KF 83A

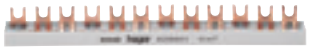
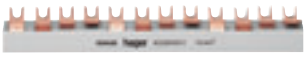
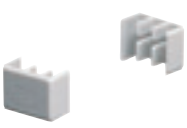

KZ 021

KZ 023

Designation	*Section*	*In*	*Width in I*	*Pack qty*	***Cat. Ref.***
1 pole, 1 I step					
brown insulation (phase)	10	63A	13 I	50	**KB 063P**
blue insulation (neutral)	10	63A	13 I	50	**KB 163N**
without insulation	10	63A	13 I	50	**KB 163I**
insulated	20	100A	57 I	10	**KB 190B**
	20	100A	24 I	10	**KB 190C**
2 poles, 2 I step					
insulated	10	63A	12 I	10	**KB 263A**
	10	63A	24 I	10	**KB 263C**
	16	80A	56 I	10	**KB 280B**
3 poles, 3 I step					
insulated	10	63A	12 I	10	**KB 363A**
	10	63A	57 I	20	**KB 363B**
	10	63A	24 I	10	**KB 363C**
	16	80A	12 I	25	**KB 380A**
	16	80A	57 I	10	**KB 380B**
4 poles, 4 I step					
insulated	10	63A	12 I	10	**KB 463A**
	10	63A	24 I	10	**KB 463C**
	16	80A	12 I	25	**KB 480A**
	16	80A	56 I	10	**KB 480B**
Cable connectors					
connection from top In 63A	for cables : 25 mm≈			10	**KF 81A**
	for cables : 2 x 16 mm≈			10	**KF 82A**
connection from side In 63A	for cables : 25 mm≈			10	**KF 83A**
End cap cover					
for single pole busbars KB 163P and KB 163N				1 set	**KZ 021**
for double pole busbars, 10mm≈				1 set	**KZ 022**
for triple pole busbars 10 or 16mm≈				1 set	**KZ 023**
for four pole busbars 10 or 16mm≈				1 set	**KZ 024**

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Insulated busbars - fork and accessories

	Designation	section	In	Width in ▮	Pack qty	Cat. Ref.
 KD 190B	**1 pole,** 1 ▮ step	10	63A	12 ▮	100	**KD 163A**
		10	63A	56 ▮	50	**KD 163B**
		16	80A	12 ▮	100	**KD 180A**
		16	80A	56 ▮	50	**KD 180B**
		20	100A	56 ▮	10	**KD 190B**
 KDN 263A	**2 pole,** 2 ▮ step					
	insulated	10	63A	12 ▮	10	**KDN 263A**
		10	63A	24 ▮	10	**KDN 263C**
		16	80A	56 ▮	10	**KDN 280B**
 KDN 363A	**3 pole,** 3 ▮ step					
	insulated	10	63A	12 ▮	10	**KDN 363A**
		10	63A	57 ▮	20	**KDN 363B**
		10	63A	24 ▮	10	**KDN 363C**
		16	80A	12 ▮	25	**KDN 380A**
		16	80A	57 ▮	10	**KDN 380B**
 KDN 463A	**4 pole,** 4 ▮ step					
	insulated	10	63A	12 ▮	10	**KDN 463A**
		10	63A	24 ▮	10	**KDN 463C**
		16	80A	12 ▮	25	**KDN 480A**
		16	80A	56 ▮	10	**KDN 480B**
 KF 81A  KF 82A	**Cable connectors**					
	connection from top In 63A	for cables : 25 mm≈			10	**KF 81A**
	connection from side In 63A	*for cables : 2 x 16 mm≈*			10	**KF 82A**
		for cables : 25 mm≈			10	**KF 83A**
 KZN 023	**End cap cover**					
	for double pole busbars, 10mm≈				1 set	**KZ 022**
	for triple pole busbars 10 or 16mm≈				1 set	**KZ 023**
	for four pole busbars 10 or 16mm≈				1 set	**KZ 024**

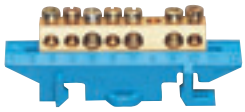
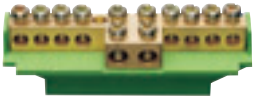
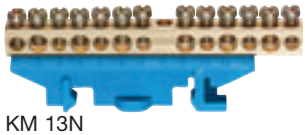
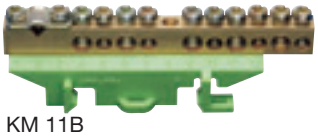
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Brass terminals ≤ 60A

Description
Brass terminals with / without plastic supports for neutral and earth connections

Technical data
brass terminals with / without
earth = green / yellow support
phase = beige support
neutral = blue support

in DIN rail with KZ060 rail clip or flat bar 12x2mm

	Connections number + section	*Terminals with support pack qty.*	*neutral cat. ref.*	*earth cat.ref.*	*phase cat. ref.*	*without support Pack qty.*	***Cat. ref.***
 KM 04L	**2x16 + 2x10□** 4 connections length 30mm	50	-	-	**KM 04L**	10	**K 140**
 KM 08L	**4x16 + 4x10□** 8 connections length 30mm	20	-	-	**KM 08L**	-	**-**
 KM 07N	**3x16 + 4x10□** 7 connections length 49mm	50	**KM 07N**	**KM 07E**	**KM 07L**	10	**K 142**
	5x16 + 5x10□ 10 connections length 67mm	20	**KM 10A**	**KM 10B**	**KM 10C**	10	**K 143**
 KM 10E	**5x16 + 6x10□** 11 connections length 73mm	20	**KM 11N**	**KM 11E**	**KM 11L**	10	**K 144**
	2x16 (double drive) + 8x10 10 connections length 69mm	20	**KM 10N**	**KM 10E**	**KM 10L**	10	**K 145**
 KM 13N	**6x16 +7x10□** 13 connections length 85mm	20	**KM 13N**	**KM 13E**	-	10	**K 148**
 KM 11B	**1x25 +5x16 + 5x10□** 11 connections length 85mm	20	-	**KM 11B**	-	10	**K 151**
 KM 25N	**1x25 +8x16 + 8x10□** 17 connections length 121mm	20	**KM 17N**	**KM 17E**	-	10	**K 156**
 KM 25E	**1x25 +11x16 + 13x10□** 25 connections length 169mm	20	**KM 25N** 2 supports	**KM 25E**	-	10	**K 158**
 K 151	**1x25 +8x16 + 29x10□**	long length terminals (without support)	length 242mm			10	**K 159**
 K 158	**1x25 +16x16 + 61x10□**	fixing on the flat bar 12 x 2 with supports (see below)	length 482mm			10	**K 160**
	1x25 + 3x16 + 129x10□		length 992mm			10	**K 162**
 K 159	**supports** for K140 to K162 terminals insulating material M4 x 8 fixing screws	blue support for neutral				10	**KZ 012**
 KZ 012		green / yellow support for earth				10	**KZ 013**
		beige supports (see below)				10	**KZ 014**
 KZ 060	**Rail clip** for fixing terminals on DIN rail not for : KM 08L KM 10A, KM 10B, KM 10C, KM 10N, KM 10E, KM 10L	mounting on DIN rail horizontally				50	**KZ 060**

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Connection blocks ≤ 125 A

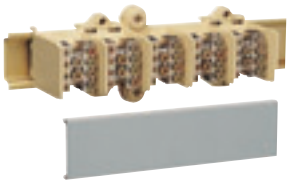
Application :
connection blocks 16□ to 35□
to connect incoming cables
and continue live feed.

technical data :
connection :
incoming : 2 x 25□ or 2 x 35□
outgoing : 16□ or 25□
mounting : fixing on DIN rail

connection blocks include :
one insulated support, brass
connection blocks with
removable antishear plates
to enable the incoming cables
to be connected without cutting.



K 018



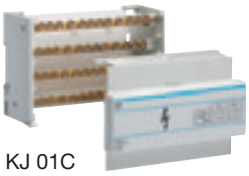
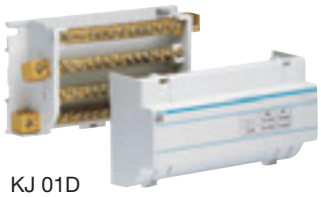
K 025



K 037

Designation	*Characteristics*	*Width in 17.5mm*	*Pack qty.*	***Cat. ref.***
Connection blocks connection on each pole incoming : 2 x 25□ 4 separate outgoing ways : 16□	**1 pole** l. 34 x h. 50 x w. 52mm	2 fi	20	**K 018**
	2 poles l. 64 x h. 50 x w. 52mm	4	10	**K 023**
	4 poles l. 121 x h. 50 x w. 62mm	7	5	**K 024**
	5 poles l. 150 x h. 50 x w. 62mm	8 fi	5	**K 025**
Connection blocks connection : incoming : 2 x 35□ 4 separate outgoing ways : 25□	**1 pole** l. 37 x h. 30 x w. 47mm	2 fi	10	**K 037**

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	Designation	*Characteristics*		*Pack. qty.*	***Cat. ref.***
 KJ 01B	**Terminal blocks** fixing by clip on DIN rail delivered with : ☐ insulated back plate ☐ transparent protection front cover In : by 40°C	**In 100A – two poles** Icc : 29KA connectors on each terminal : incoming : 1x35☐ flexible, outgoing : 1x25 + 10x16☐ flexible w. 129 (7.5 ▮) x h. 86 x d. 44 mm		1	**KJ 01A**
 KJ 01C		**In 80A – four poles** Icc : 21KA connectors on each terminal : incoming : 1x16☐ flexible, outgoing : 8x10☐ flexible w. 88 (5 ▮) x h. 86 x d. 44 mm		1	**KJ 01B**
		In 125A – four poles Icc : 29KA connectors on each terminal : incoming : 1x35☐ flexible, outgoing : 1x25 + 10x16☐ flexible w. 129 (7.5 ▮) x h. 86 x d. 44 mm		1	**KJ 01C**
 KJ 02E		**In 125A – four pole** Icc : 29KA connectors on each terminal : incoming : 1x35☐ flexible, outgoing : 1x25 + 10x16☐ flexible w. 129 (7.5 ▮) x h. 86 x d. 44 mm		1	**KJ 02E**
		connection capacity per block : 125 A : (width 27mm) incoming : 1x35☐ + 1x165☐ , outgoing : 6x16☐		4	**KJ 02D**
 KJ 01D	**modular distribution blocks** monobloc, insulated protection for each phase terminal. Cover removable with a tool.	**In 160A – four poles** Icc : 20KA connectors on each terminal : incoming : 4x50☐ flexible, outgoing : 3x35☐, 8x16☐ flexible w. 162 (9.5 ▮) x h. 87 x d. 60 mm (modular shoulder measurement 45mm)		1	**KJ 01D**
 4 x KJ 02A	**modular Distribution blocks single pole** monobloc, insulated, grey colour fixing by clip on DIN rail	connection capacity per block **160A** (width 35mm) incoming : 1x70☐, outgoing 6x16☐	35 mm	4	**KJ 02C**
		250 A : incoming : 1x95☐, outgoing :2x25☐, 5x16☐, 4x10☐	45 mm	4	**KJ 02A**
		400 A : incoming : 1 x 150☐, outgoing:2x25☐, 5x16☐, 4x10☐	45 mm	4	**KJ 02B**
 KR 95P KR 15P	**Distribution blocks** fitting on DIN rail	for connections : **25 to 95**☐	25 mm	1	**KR 95P**
		35 to 150☐	31 mm	1	**KR 15P**

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Quick Connect Terminals

Quick connect terminals
for the connection of the earth, neutral and phase.
The distribution blocks are equipped by terminals without screw for direct assembling for cables of 1.5 with 4 mm² and of terminals with cages for the connection of cables for sections from 1.5 to 25 mm².

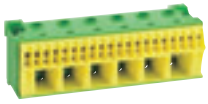
Neutral = blue connector block
Phase = brown connector block
Earth = green/yellow connector block.
The connector blocks are clipped on supports of the enclosures and cabinets.

These connector block supports exist for the ranges of enclosures and cabinets Volta, Vector, Vega and Gamma.
They can also replace one existing support.

- connector block out of insulating material,
- IP2x,
- maximum intensity: 63 A
  tension of insulation:
  Ui = 400 V
- conforms to the standard EN 60 998


KN 06P


KN 22N


KN 26E

Connections of the distribution blocks : terminals "q.connect" 1.5 at 4 mm²	*screw in 1.5 at 25 mm²*	*Pack. qty*	***Ref*** *Neutral*	*Phase*	*Earth PE*
5	1		**KN 06N**	**KN 06P**	**KN 06E**
8	2		**KN 10N**	**KN 10P**	**KN 10E**
11	3		**KN 14N**	**KN 14P**	**KN 14E**
14	4		**KN 18N**	**KN 18P**	**KN 18E**
17	5		**KN 22N**	**KN 22P**	**KN 22E**
20	6		**KN 26N**	**KN 26P**	**KN 26E**


KN 99P/N/E

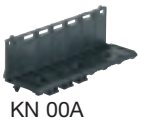
Designation	*Caracteristics*		***Ref.***
Cables for tap-off between 2 Quick Connect Terminals To connect 2 terminals each other.	for	Neutral terminals	**KN 99N**
		Phase terminals	**KN 99P**
		Earth terminals	**KN 99E**


VZ 711


VZ 710


GZ 30A

Quick connect for terminal supports. The supports are suitable for all the terminals range (neutral, phase and earth) Choice of the support according to the enclosure range.	for : - Volta, Vector Vega flush		**VZ 710**
	- Vega surface		**VZ 711**
	- Gamma		**GZ 30A**


KN 00A

Terminals universal support Support fixing on 12x2 mm bars on horizontal or vertical DIN rail	length : 105 mm Pre-cut support to fit with the terminal size		**KN 00A**

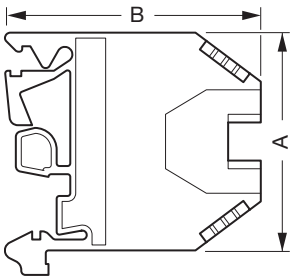

KN 07N


KN 04P

Entry terminals For connecting incoming cables up to 25 mm² Ui = 630 V, 90 A Clip on the terminals support (VZ 711, VZ 710, GZ 30A et KN 00A)	Neutral terminals :	4 x 25 mm²	**KN 04N**
		7 x 25 mm²	**KN 07N**
	Phase terminals :	4 x 25 mm²	**KN 04P**
		7 x 25 mm²	**KN 07P**

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Terminals



Terminals	dim. in mm	dim. in mm
0.5 at 6□	44.5	48.5
1.5 at 50□	58	51.5
70□	76	79

Connecting terminals from 0.5 to 70 mm²

- great resistance to leakage current KC >600
- mounting on DIN rail
- uniform dimensions reduce number of accessories
- complies to IEC 60947-1
- good tightening capacity, also suitable for two conductors
- conductor guilded directly into terminals connector
- guiding of screwdriver via embedded screws
- screws run idle when untightening, very important with electric screwdrivers
- all parts located in the terminal fixed


KX 04F

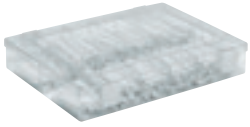

KX 04H


KX 04N

Designation	cable section (flexible)	cable section (rigid)	In / A	Width in mm	Ref. Phase	Neutral	Earth PE
Phase terminals grey	0.5 - 2.5□	0.5 - 4□	24	5	**KX 04F**	**KX 04N**	**KX 04H**
	0.5 - 4□	0.5 - 6□	32	6	**KX 06F**	**KX 06N**	**KX 06H**
Neutral terminals blue	1 - 10□	1.5 - 16□	57	10	**KX 16F**	**KX 16N**	**KX 16H**
Earth PE terminals green / yellow automatic earthing of the rail	4 - 16□	4 - 25□	76	12	**KX 25F**	**KX 25N**	**KX 25H**
	16 - 35□	16 - 50□	125	16	**KX 50F**	**KX 50N**	**KX 50H**
		70□	192	24	**KX 70F**		

Designation	Caracteristics	Width in mm	Ref.
Cover plates beige, in insulating material	for the terminals: KX 04F/N, KX 06F/N	1.5	**KW 025**
	KX 16F/N, KX 25F/N	1.5	**KW 026**
	KX 50F/N	2	**KW 031**
blocking brackets black, in insulating material	for all the terminals of 4 with 50_□	8	**KW 033**
	for terminal KX 70F	10	**KW 034**
Junctions between terminals can be cutted	for 10 terminals: KX 04F/N		**KW 035**
	KX 06F/N		**KW 036**
	KX 16F/N		**KW 037**
Circuit indentification labels	box of 12 compartments (~500),clip themselves on the terminals		**KW 001**


KW 033


KW 001

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