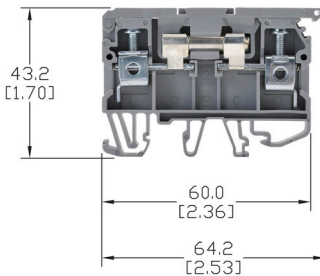




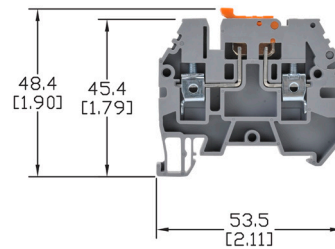
Disconnect Terminal Blocks

Dimensions: mm [in]

KN-F10-DCH



KN-KBD10



- Screw connection terminal
- UL E179129 (For copper wire only. One conductor in terminal only.)
- CE (EN 60947-7-1)



WARNING: DO NOT DISCONNECT UNDER LOAD

See our website: www.AutomationDirect.com for complete engineering drawings

Ordering Information						
Color	Part Number	Qty	Price	Part Number	Qty	Price
Gray	KN-F10-DCH	25	\$70.00	KN-KBD10	50	\$116.00
	KN-F10-DCH-10	10	\$37.50	KN-KBD10-10	10	\$29.00

Technical Specifications						
Model	KN-F10-DCH			KN-KBD10		
Width	8mm [0.31in]			6.2mm [0.24in]		
Stripping Length	12mm [0.47in]			10mm [0.39in]		
Tightening Torque	0.8 N·m [7.1 lb·in]			0.5 N·m [4.4 lb·in]		
Density	125/m [38 pcs/ft]			166/m [50 pcs/ft]		
UL/CSA Approval	300V	6.3A	26–8 AWG	600V	16A	26–10 AWG
CE Conformity	500V	6.3A	6 mm ²	500V	16A	4 mm ²
Operating Temperature	Ambient -67 to +185 °F [-55 to +85 °C], Relative humidity: 50% max at 104 °F [40 °C] and 90% max at 68 °F [20 °C]					
SCCR Rating	10 kA per Table SB4.1, 2009, UL 508A. Maximum short circuit current rating for unmarked components.					
Material	Current Bar: Copper Alloy, Housing: Polyamide 66, Screws: Zinc-plated Steel					
Mounting	35mm DIN rail					

Accessories						
End Covers	Gray	KN-ECF10	25/pkg	\$17.50	KN-ECKBD	10/pkg \$6.75
Marking Tags	KN-L5 Series KN-L6P5 Series			KN-L5 Series		



KONNECT-IT® Accessories

Multi-Pole Jumper Bars

Multi-pole jumper bars provide terminal block connection flexibility. Screw-down connection jumpers feature all-metal construction and can be installed quickly just by tightening the screws. Screwless comb-style jumpers are also available. See next page for the larger J1/0 jumper installation instructions.

KN-10J12



KN-2JM12



KN-2JCC8



Multi-Pole Jumper Bars Ordering Information												
Type	Part Number	Price	Qty	Number of Poles	Rating		Tightening Torque	Dimensions - mm [in]			Fig.	Works With
								Height	Length	Width		
Screw-down connection	KN-2J12	\$13.50	25	2	750V	24A	0.4–0.6 N•m [3.5–5.3 lb-in]	15.8 [0.62]	10.1 [0.40]	4.4 [0.17]	1	KN-T12xx KN-D12xx KN-D12X KN-D12DR1 KN-D12LEDxx
	KN-3J12	\$17.50	20	3					15.3 [0.60]			
	KN-4J12	\$21.50	15	4					20.4 [0.80]			
	KN-10J12	\$13.50	5	10					51.1 [2.01]			
	KN-2J10	\$20.50	25	2	750V	32A	0.6–0.8 N•m [5.3–7.1 lb-in]	15.5 [0.61]	10.8 [0.43]	6.0 [0.24]	1	KN-T10xx KN-D10xx KN-D10X KN-D10DR1 KN-D10LEDxx
	KN-3J10	\$24.50	20	3					17.0 [0.67]			
	KN-4J10	\$24.50	15	4					23.0 [0.91]			
	KN-10J10	\$17.50	5	10					59.0 [2.32]			
	KN-2J8	\$21.50	25	2	630V	41A	0.6–0.8 N•m [5.3–7.1 lb-in]	15.5 [0.61]	14.3 [0.56]	6.0 [0.24]	1	KN-T8xx
	KN-3J8	\$25.50	20	3					22.3 [0.88]			
	KN-4J8	\$25.50	15	4					30.3 [1.19]			
	KN-10J8	\$20.50	5	10					78.3 [3.08]			
	KN-2J6	\$26.50	25	2	630V	57A	0.6–0.8 N•m [5.3–7.1 lb-in]	15.5 [0.61]	18.0 [0.71]	6.0 [0.24]	1	KN-T6xx
	KN-3J6	\$28.00	20	3					28.0 [1.10]			
	KN-4J6	\$28.00	15	4					38.0 [1.50]			
	KN-10J6	\$21.50	5	10					98.0 [3.86]			
	KN-2J4	\$41.50	25	2	750V	76A	0.6–0.8 N•m [5.3–7.1 lb-in]	23.0 [0.91]	21.0 [0.83]	6.0 [0.24]	1	KN-T4xx
	KN-3J4	\$44.00	20	3					33.0 [1.30]			
	KN-4J4	\$44.00	15	4					45.0 [1.77]			
	KN-10J4	\$34.00	5	10					117.0 [4.61]			
	KN-2J2	\$43.00	25	2	750V	125A	1.2–1.4 N•m [10.6–12.4 lb-in]	21.0 [0.83]	29.0 [1.14]	8.0 [0.31]	1	KN-T2xx
	KN-3J2	\$46.00	20	3					45.0 [1.77]			
	KN-4J2	\$46.00	15	4					61.0 [2.40]			
	KN-10J2	\$34.00	5	10					157.0 [6.18]			
KN-2J1/0	\$12.50	5	2	1000V	150A	2.5–3.5 Nm [22.1–31.0 lb-in]	22.3 [0.88]	36.0 [1.42]	12.0 [0.47]	2	KN-T1/0xx	
KN-3J1/0	\$21.50	5	3					56.0 [2.20]				
KN-4J1/0	\$28.00	5	4					76.0 [2.99]				
KN-10J1/0	\$21.50	5	10					157.0 [6.18]				
KN-2JTL12	\$21.50	25	2	440V	24A	0.4–0.6 N•m [3.5–5.3 lb-in]	15.5 [0.61]	11.0 [0.43]	4.4 [0.17]	1	KN-DG12 KN-TG12 KN-TL14 KN-TL14S KN-TL14SLN KN-TL14SLP	
KN-3JTL12	\$26.50	20	3					17.0 [0.67]				
KN-4JTL12	\$25.50	15	4					23.0 [0.91]				
KN-10JTL12	\$21.50	5	10					59.0 [2.32]				
Push-in Connection	KN-2JM10	\$12.50	25	2	750V	32A	—	23.2 [0.91]	9.5 [0.37]	2.7 [0.11]	3	KN-M10xx KN-KBD10
	KN-3JM10	\$16.50	20	3					15.5 [0.61]			
	KN-4JM10	\$18.50	15	4					21.5 [0.85]			
	KN-10JM10	\$17.50	5	10					57.5 [2.26]			
	KN-2JM12	\$12.50	25	2	750V	24A	—	21.7 [0.85]	8.0 [0.31]	2.3 [0.09]	3	KN-M12xx KN-T12SP4
	KN-3JM12	\$13.50	20	3					13.0 [0.51]			
	KN-4JM12	\$13.50	15	4					18.0 [0.71]			
	KN-10JM12	\$16.50	5	10					48.0 [1.89]			
Screwless Comb-style	KN-2JCC12	\$18.50	25	2	750V	24A	—	23.7 [0.93]	8.0 [0.31]	2.8 [0.11]	4	KN-T12xx
	KN-2JCC10	\$36.00	25		750V	32A	—	24.7 [0.97]	9.5 [0.37]			KN-T10xx
	KN-2JCC8	\$38.50	25		630V	41A	—	25.6 [1.01]	13.5 [0.53]			KN-T8xx
	KN-2JCC6	\$43.00	25		630V	57A	—	26.7 [1.05]	16.0 [0.63]			3.9 [0.15]

Figure 1

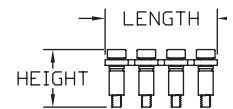


Figure 2

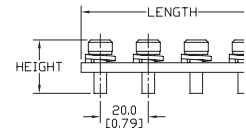


Figure 3

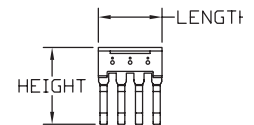
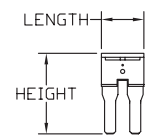


Figure 4



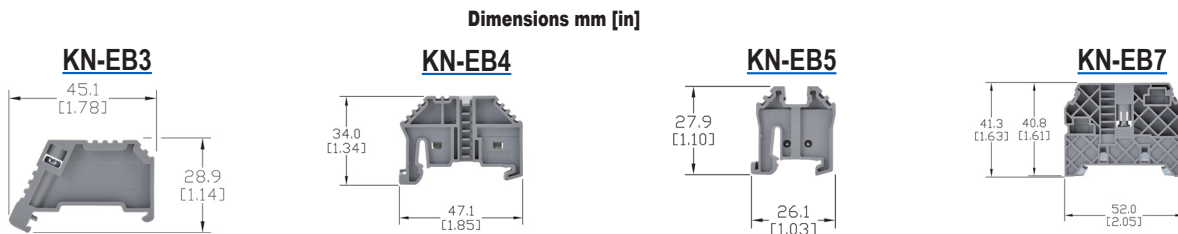
Please visit our website www.AutomationDirect.com for complete engineering drawings.



KONNECT-IT® Accessories

End Brackets

End brackets prevent terminal blocks and other DIN rail mount components and devices from moving laterally on the rail. They are constructed from polyamide 66 and available in configurations for 35mm and 15mm DIN rails.



End Brackets Ordering Information

Gray End Brackets	KN-EB3	100/pkg	\$57.00	KN-EB4	100/pkg	\$59.00	KN-EB5	100/pkg	\$86.00	KN-EB7	50/pkg	\$59.00
	KN-EB3-10	10/pkg	\$7.50	KN-EB4-10	10/pkg	\$5.25	KN-EB5-10	10/pkg	\$9.75	KN-EB7-10	10/pkg	\$11.50

Technical Specifications

Description	Screw-type end bracket	Screwless end bracket	Screwless end bracket	Screw-type end bracket
Bracket Width	8mm [0.31in]	8mm [0.31in]	8mm [0.31in]	10mm [0.39in]
Mounting	35mm DIN rail	35mm DIN rail	15mm DIN rail	35mm DIN rail
Material	Housing: Polyamide 66 / Clamping Connector: Zinc Plated Steel			

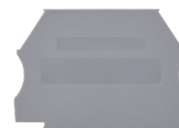
End Bracket Accessories

Label Holder	—	—	—	KN-MA-1	25/pkg	\$25.00	—	—	—	KN-MA-2	50/pkg	\$63.00
	—	—	—	KN-MA-1-10	10/pkg	\$11.00	—	—	—	KN-MA-2-10	10/pkg	\$15.00
Marking Tags	KN-L5 Series or KN-L6P5 Series											

End Covers

End covers are used to cover the open side of sectional DIN rail mount terminal blocks. They should be used at the end of an assembly of identical terminal blocks or whenever there is a change in the physical size of the terminal block.

Material: Polyamide 66



End Covers Ordering Information

Part Number	Color	Dimensions H x L x W mm [in]	Works With	Qty	Price	Part Number	Color	Dimensions H x L x W mm [in]	Works With	Qty	Price
KN-ECT6GRY	Gray	34.0 x 42.7 x 1.3 [1.34 x 1.68 x 0.05]	KN-T12 KN-T10 KN-T8 KN-T6	100	\$31.00	KN-ECDORG	Orange	48.2 x 63.2 x 1.3 [1.90 x 2.49 x 0.05]	KN-D10 KN-D12	10	\$7.50
KN-ECT6GRY-25	Gray			25	\$6.75	KN-ECDRED	Red				\$7.50
KN-ECT6BLU	Blue				\$3.75	KN-ECDYEL	Yellow				\$7.50
KN-ECT6BLK	Black				\$3.75	KN-ECTL	Gray	54.7 x 87.1 x 1.3 [2.15 x 3.43 x 0.05]	KN-TL14	10	\$4.25
KN-ECT6BRN	Brown				\$3.75	KN-ECTLS	Gray	54.7 x 72.8 x 1.2 [2.15 x 2.87 x 0.05]	KN-TL14S	10	\$5.25
KN-ECT6GRN	Green				\$3.75	KN-ECDG12	Gray	48.0 x 71.4 x 1.2 [1.89 x 2.81 x 0.05]	KN-DG12	10	\$5.25
KN-ECT6ORG	Orange				\$3.75	KN-ECTG12	Gray	62.5 x 87.5 x 1.2 [2.46 x 3.44 x 0.05]	KN-TG12	10	\$5.25
KN-ECT6RED	Red				\$3.75	KN-ECMGRY	Gray	28.1 x 27.0 x 3.0 [1.11 x 1.06 x 0.12]	KN-M12 KN-M10	100	\$65.00
KN-ECT6WHT	White				\$3.75	KN-ECMGRY-10	Gray				\$6.75
KN-ECT6YEL	Yellow				\$3.75	KN-ECMBLU	Blue				\$6.75
KN-ECT4GRY	Gray	45.7 x 52.8 x 1.2 [1.80 x 2.08 x 0.05]	KN-T4	25	\$15.00	KN-ECMGRN	Green Yellow	28.1 x 27.0 x 3.0 [1.11 x 1.06 x 0.12]	KN-MG12 KN-MG10	10	\$6.75
KN-ECT4BLU	Blue			10	\$6.25	KN-ECG12SP4	Green Yellow	39.7 x 57.1 x 1.2 [1.56 x 2.25 x 0.05]	KN-G12SP4	10	\$5.25
KN-ECDGRY	Gray	48.2 x 63.2 x 1.3 [1.90 x 2.49 x 0.05]	KN-D10 KN-D12	25	\$16.00	KN-ECT12SP4	Gray	39.7 x 57.1 x 1.2 [1.56 x 2.25 x 0.05]	KN-T12SP4	25	\$13.50
KN-ECDBLU	Blue			10	\$7.50	KN-ECF10	Gray	27.3 x 59.6 x 1.2 [1.07 x 2.35 x 0.05]	KN-F10	25	\$17.50
KN-ECDBLK	Black			10	\$7.50	KN-ECKBD	Gray	37.1 x 53.5 x 1.2 [1.46 x 2.11 x 0.05]	KN-KDB10	10	\$6.75
KN-ECDGRN	Green			10	\$7.50						



KONNECT-IT® Accessories

Separators

Separators are used to segment banks of terminal blocks. Allows you to maintain a single row of terminal blocks, but have separate power source clusters.

Separators Ordering Information							
Part Number	Color	Works With	Dimensions - mm [in]			Qty	Price
			Height	Length	Thickness		
KN-ST1GRY	Gray	KN-T12 KN-T10 KN-T8 KN-T6	39.0 [1.54]	42.5 [1.67]	1.2 [0.05]	25	\$13.00
KN-ST1BLU	Blue					10	\$5.00
KN-ST1BLK	Black					10	\$5.00
KN-ST1BRN	Brown					10	\$5.00
KN-ST1GRN	Green					10	\$5.00
KN-ST1ORG	Orange					10	\$5.00
KN-ST1RED	Red					10	\$5.00
KN-ST1WHT	White					10	\$5.00
KN-ST1YEL	Yellow					10	\$5.00
KN-ST2GRY	Gray					KN-T4	52.5 [2.07]
KN-ST2BLU	Blue	10	\$17.50				
KN-ST3GRY	Gray	KN-T2	62.6 [2.46]	53.1 [2.09]	1.5 [0.06]	10	\$8.75
KN-ST3BLU	Blue					10	\$8.75

KN-ST1GRY



Top Covers and Label Holders

Top Covers and Label Holders Ordering Information							
Part Number	Description	Works With	Dimensions - mm [in]			Qty	Price
			Height	Length	Width		
KN-TC-1	Top cover for Konnect-It terminal block, blank, white	KN-T12 KN-T10 KN-T8 KN-T6	6.8 [0.27]	29.0 [1.14]	5.8 [0.23]	25	\$10.00
KN-TC-1S	Top cover for Konnect-It terminal block, printed electric symbol, white					25	\$15.00
KN-TC-2	Top cover for Konnect-It terminal block, blank, white	KN-T4 KN-T2	7.3 [0.29]	35.8 [1.41]	9.0 [0.35]	25	\$26.50
KN-TC-2S	Top cover for Konnect-It terminal block, printed electric symbol, white					25	\$26.50
KN-MA-1	Label holder for terminal block group. Label media not included. Adhesive label: Apply on top. Max label dimensions: 7 x 44mm (0.28 x 1.73in).	KN-EB4	46.2 [1.82]	46.0 [1.81]	11.4 [0.45]	25	\$25.00
KN-MA-1-10						10	\$11.00
KN-MA-2	Label holder for terminal block group. Label media not included. Adhesive label: Apply on top. Max label dimensions: 7 x 44mm (0.28 x 1.73in).	KN-EB7	37.5 [1.48]	46.2 [1.82]	9.5 [0.37]	50	\$63.00
KN-MA-2-10						10	\$15.00
KN-MA-3	Top mounting marking tag adapter for terminal block. Holds up to (4) L5x5 tags	KN-T4 KN-T2	9.3 [0.36]	36.0 [1.42]	9.0 [0.35]	25	\$17.00
KN-MA-4	Top mounting marking tag adapter for terminal block. Holds up to (4) L5x5 tags	KN-T12 KN-T10 KN-T8 KN-T6	9.0 [0.35]	29.0 [1.14]	5.7 [0.22]	25	\$15.00
KN-MA-5	Label holder for terminal block group. Label media included. Max label dimensions: 10 x 38mm (0.39 x 1.50in). Thickness 0.30mm (0.01in)	Attaches to any 35mm DIN rail	46.4 [1.83]	44.5 [1.75]	10.0 [0.39]	50	\$51.00
KN-MA-5-25						25	\$31.50

KN-MA-1



KN-MA-2



KN-MA-5



KN-TC-1 / KN-TC-2



KN-TC-1S / KN-TC-2S



KN-MA-3



KN-MA-4





KONNECT-IT® Accessories

Marking Tags 5 x 5mm

Use with any KONNECT-IT series terminal blocks.



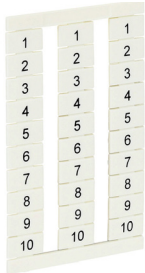
5 x 5mm Marking Tags Ordering Information											
250 Pieces per Package						500 Pieces per Package					
Part Number	Imprint	Price	Part Number	Imprint	Price	Part Number	Imprint	Price	Part Number	Imprint	Price
KN-L5-BLANK-250	Blank	\$13.50	KN-L5-A-250	A	\$13.50	KN-L5-BLANK	Blank	\$21.50	KN-L5-A	A	\$25.50
KN-L5-0-250	0	\$13.50	KN-L5-B-250	B	\$13.50	KN-L5-0	0	\$25.50	KN-L5-B	B	\$25.50
KN-L5-1-250	1	\$13.50	KN-L5-C-250	C	\$13.50	KN-L5-1	1	\$25.50	KN-L5-C	C	\$25.50
KN-L5-2-250	2	\$13.50	KN-L5-D-250	D	\$13.50	KN-L5-2	2	\$25.50	KN-L5-D	D	\$25.50
KN-L5-3-250	3	\$13.50	KN-L5-E-250	E	\$13.50	KN-L5-3	3	\$25.50	KN-L5-E	E	\$25.50
KN-L5-4-250	4	\$13.50	KN-L5-F-250	F	\$13.50	KN-L5-4	4	\$25.50	KN-L5-F	F	\$25.50
KN-L5-5-250	5	\$13.50	KN-L5-G-250	G	\$13.50	KN-L5-5	5	\$25.50	KN-L5-G	G	\$25.50
KN-L5-6-250	6	\$13.50	KN-L5-H-250	H	\$13.50	KN-L5-6	6	\$25.50	KN-L5-H	H	\$25.50
KN-L5-7-250	7	\$13.50	KN-L5-I-250	I	\$13.50	KN-L5-7	7	\$25.50	KN-L5-I	I	\$25.50
KN-L5-8-250	8	\$13.50	KN-L5-J-250	J	\$13.50	KN-L5-8	8	\$25.50	KN-L5-J	J	\$27.00
KN-L5-9-250	9	\$13.50	KN-L5-K-250	K	\$13.50	KN-L5-9	9	\$25.50	KN-L5-K	K	\$27.00
KN-L5-10-250	10	\$13.50	KN-L5-L-250	L	\$13.00	KN-L5-10	10	\$25.50	KN-L5-L	L	\$25.50
KN-L5-1-10-250	1-10	\$13.50	KN-L5-M-250	M	\$13.50	KN-L5-1-10	1-10	\$25.50	KN-L5-M	M	\$27.00
KN-L5-11-20-250	11-20	\$13.50	KN-L5-N-250	N	\$13.00	KN-L5-11-20	11-20	\$25.50	KN-L5-N	N	\$25.50
KN-L5-21-30-250	21-30	\$13.50	KN-L5-O-250	O	\$13.00	KN-L5-21-30	21-30	\$25.50	KN-L5-O	O	\$25.50
KN-L5-31-40-250	31-40	\$13.50	KN-L5-P-250	P	\$13.50	KN-L5-31-40	31-40	\$25.50	KN-L5-P	P	\$27.00
KN-L5-41-50-250	41-50	\$13.50	KN-L5-Q-250	Q	\$13.50	KN-L5-41-50	41-50	\$25.50	KN-L5-Q	Q	\$27.00
KN-L5-1-50-250	1-50	\$13.50	KN-L5-R-250	R	\$13.00	KN-L5-1-50	1-50	\$25.50	KN-L5-R	R	\$25.50
KN-L5-51-100-250	51-100	\$13.50	KN-L5-S-250	S	\$13.00	KN-L5-51-100	51-100	\$25.50	KN-L5-S	S	\$25.50
KN-L5-101-150-250	101-150	\$13.50	KN-L5-T-250	T	\$13.00	KN-L5-101-150	101-150	\$25.50	KN-L5-T	T	\$25.50
KN-L5-151-200-250	151-200	\$13.50	KN-L5-U-250	U	\$13.50	KN-L5-151-200	151-200	\$25.50	KN-L5-U	U	\$27.00
KN-L5-201-250-250	201-250	\$13.50	KN-L5-V-250	V	\$13.00	KN-L5-201-250	201-250	\$25.50	KN-L5-V	V	\$25.50
KN-L5-251-300-250	251-300	\$13.50	KN-L5-W-250	W	\$13.50	KN-L5-251-300	251-300	\$25.50	KN-L5-W	W	\$27.00
KN-L5-301-350-250	301-350	\$13.50	KN-L5-X-250	X	\$13.00	KN-L5-301-350	301-350	\$25.50	KN-L5-X	X	\$25.50
KN-L5-351-400-250	351-400	\$13.50	KN-L5-Y-250	Y	\$13.00	KN-L5-351-400	351-400	\$25.50	KN-L5-Y	Y	\$25.50
KN-L5-401-450-250	401-450	\$13.50	KN-L5-Z-250	Z	\$13.50	KN-L5-401-450	401-450	\$25.50	KN-L5-Z	Z	\$27.00
KN-L5-451-500-250	451-500	\$13.50	KN-L5-POS-250	+	\$13.00	KN-L5-451-500	451-500	\$25.50	KN-L5-POS	+	\$25.50
KN-L5-L1-250	L1	\$13.00	KN-L5-NEG-250	-	\$13.00	KN-L5-L1	L1	\$25.50	KN-L5-NEG	-	\$25.50
KN-L5-L2-250	L2	\$13.00	KN-L5-GND-250	GND	\$13.50	KN-L5-L2	L2	\$25.50	KN-L5-GND	GND	\$25.50
KN-L5-L3-250	L3	\$13.00				KN-L5-L3	L3	\$25.50			



KONNECT-IT® Accessories

Marking Tags 6 x 11.5mm

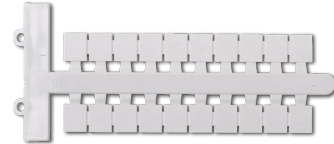
Use with Konnect-It series terminal blocks
6.5mm or wider.



Marking Tags 6 x 11.5mm			
Part Number	Description	Qty	Price
<u>KN-L6P5-BLNK-300</u>	Blank	300	\$16.50
<u>KN-L6P5-1-10-300</u>	Numbered 1-10	300	\$36.00
<u>KN-L6P5-11-20-300</u>	Numbered 11-20	300	\$36.00
<u>KN-L6P5-21-30-300</u>	Numbered 21-30	300	\$36.00
<u>KN-L6P5-31-40-300</u>	Numbered 31-40	300	\$36.00
<u>KN-L6P5-41-50-300</u>	Numbered 41-50	300	\$36.00
<u>KN-L6P5-51-60-300</u>	Numbered 51-60	300	\$36.00
<u>KN-L6P5-61-70-300</u>	Numbered 61-70	300	\$36.00
<u>KN-L6P5-71-80-300</u>	Numbered 71-80	300	\$36.00

Marking Tags 5 x 10mm, 6 x 10mm, 10 x 10mm

Use with Konnect-It series terminal blocks
5 x 10mm, 6 x 10mm, and 10 x 10mm.



Marking Tags			
Part Number*	Description	Qty	Price
<u>KN-L5X-BLNK</u>	Blank marking tag, 5 x 10mm, use with any Konnect-It terminal block series	440	\$23.00
<u>KN-L5X-BLNK-220</u>	Blank marking tag, 5 x 10mm, use with any Konnect-It terminal block series	220	\$12.00
<u>KN-L6X-BLNK</u>	Blank marking tag, 6 x 10mm, use with any Konnect-It terminal block 6mm or wider	360	\$20.00
<u>KN-L6X-BLNK-180</u>	Blank marking tag, 6 x 10mm, use with any Konnect-It terminal block 6mm or wider	180	\$10.00
<u>KN-L10X-BLNK</u>	Blank marking tag, 10 x 10mm, use with any Konnect-It terminal block 10mm or wider	200	\$31.00
<u>KN-L10X-BLNK-100</u>	Blank marking tag, 10 x 10mm, use with any Konnect-It terminal block 10mm or wider	100	\$17.50

*Does not fit any KN-T1/0xx or [KN-G1/0](#) series block