



Push-In Connection Terminal Blocks Overview

Overview

The KONNECT-IT push-in connection terminal blocks use push-in technology reducing connection time — no tools needed for solid, ferrule-ended, and some stranded wires. To release a wire, simply press the orange button.

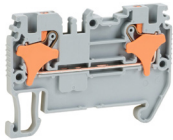
These terminal blocks come in single-, double-, and triple-level configurations including diode, indication, multiple terminals, and grounding variants.

Features

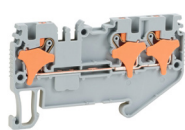
- UL 94 V0 flammability rating
- Tool-free push-in connection
- Multiple length options
- Single-, double-, and triple-level models

Feedthrough Single-Level P1 Series

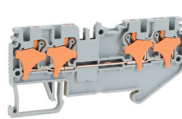
52mm

[KN-P1](#)

65mm

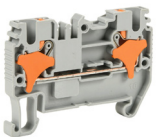
[KN-P1-1-2](#)

78mm

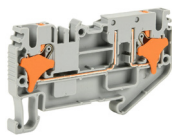
[KN-P1-2-2](#)

Feedthrough Double-Level KN-P25 Series, Including Diode and LED Indication Options

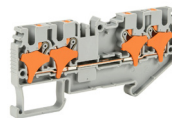
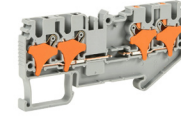
52mm

[KN-P25](#)

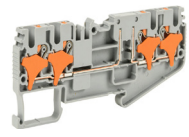
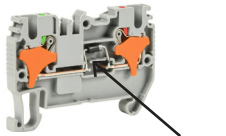
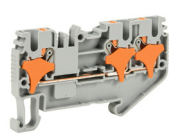
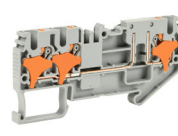
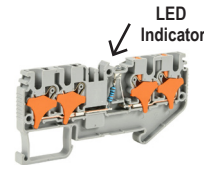
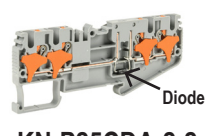
65mm

[KN-P25E](#)

78mm

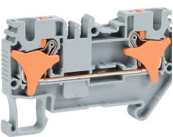
[KN-P25-2-2](#)[KN-P25C-2-2NC](#)

91mm

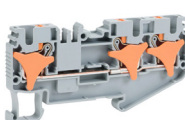
[KN-P25C-2-2](#)[KN-P25DA](#) Diode[KN-P25-1-2](#)[KN-P25E-1-2](#)[KN-P25CLD110](#)[KN-P25CDA-2-2](#) Diode

Feedthrough Single-Level P4 Series

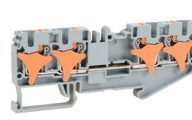
60mm

[KN-P4](#)

76mm

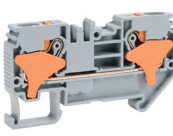
[KN-P4-1-2](#)

93mm

[KN-P4-2-2](#)

Feedthrough Single-Level P6 Series

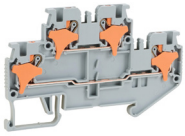
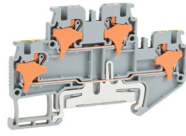
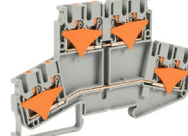
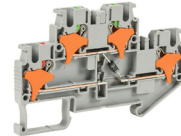
69mm

[KN-P6](#)

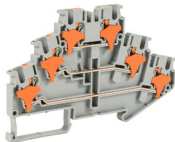
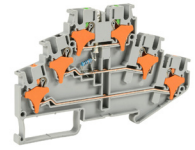


Push-In Connection Terminal Blocks Overview

Feedthrough Double-Level KN-PD25 Series, Including Diode and LED Indication Options

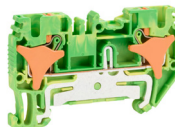
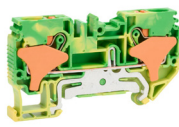
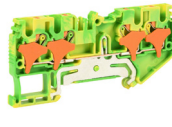
[KN-PD1](#)[KN-PD1C](#)[KN-PD25](#)[KN-PD25-2-2](#)[KN-PD25DA2](#)[KN-PD25LD24](#)

Feedthrough Triple-Level KN-PT25 Series, Including Sensor (NPN/PNP) and LED Indication Options

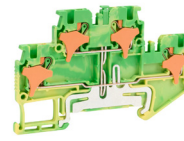
[KN-PT25](#)[KN-PT25-1-1S-1S](#)[KN-PT25-NPN](#)[KN-PT25LD110](#)

Ground Terminal Blocks

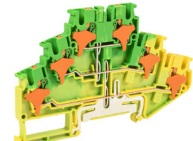
Single-Level

[KN-PG4](#)[KN-PG6](#)[KN-PG25-2-2](#)

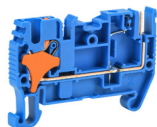
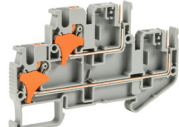
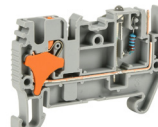
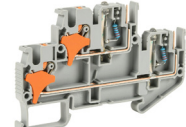
Double-Level

[KN-PDG1](#)

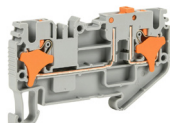
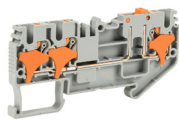
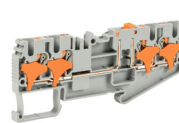
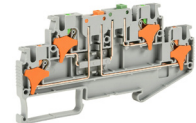
Triple-Level

[KN-PTG25](#)

Plug-in Terminal Blocks

[KN-P25-1-PNBLU](#)[KN-PD25-1-PN](#)[KN-P25LD24-1-PN](#)[KN-PD25-1-PNLD24](#)

Disconnect Terminal Blocks

[KN-P25EDIS](#)[KN-P25EDIS-1-2](#)[KN-P25CDIS-2-2](#)[KN-PD25DIS](#)



Push-In Connection Terminal Blocks Accessories Overview

End Brackets



[KN-EB3V0](#)



[KN-EM8V0](#)

Jumpers



[KN-P3J25](#)



[KN-P4J25](#)

Separators



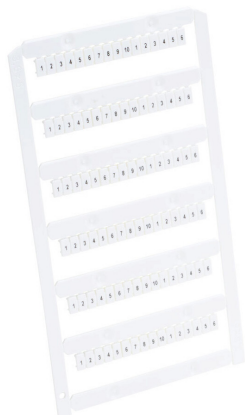
[KN-PS25-10](#)

End Covers



[KN-PEC25-17](#)

Marking Tags



[KN-LP1-1-10](#)

Test Plugs

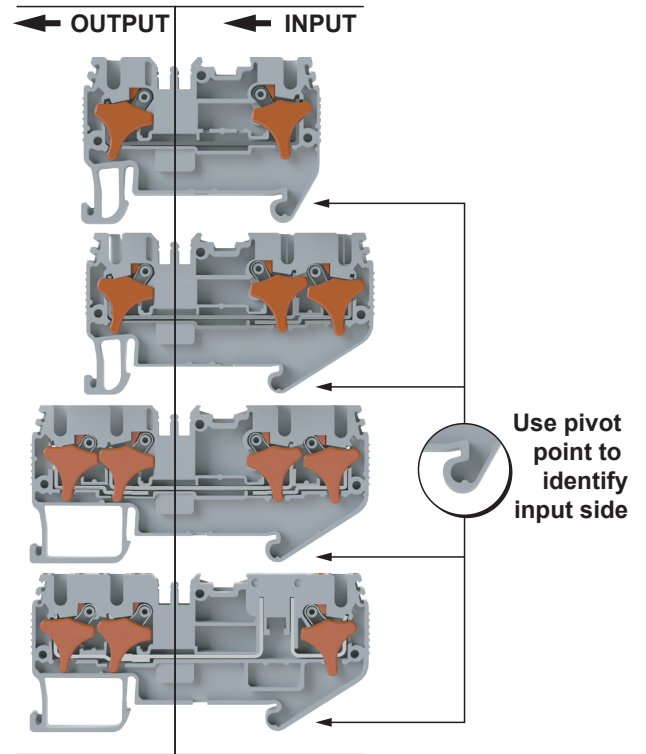
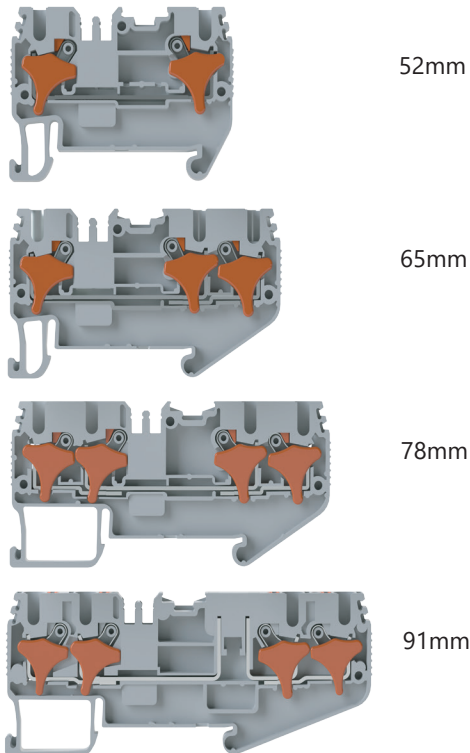


[KN-TP2P3](#)

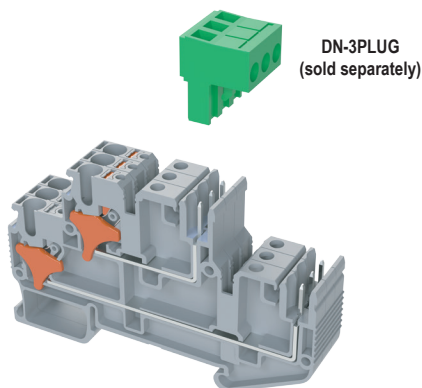


Push-In Connection Terminal Blocks Overview

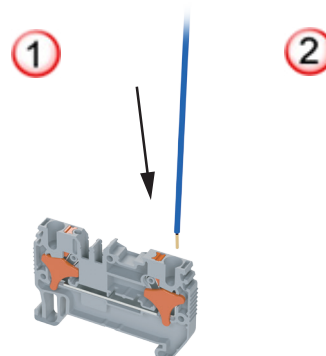
The push-in connection single-level terminal blocks are available in four lengths, allowing users to select the correct terminal blocks for the application while keeping a clean and uniform look.



Plug-in terminal blocks allow for quick installation of field devices and reduce the chance for incorrect wiring.

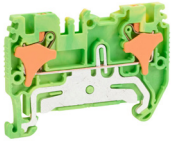
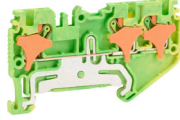
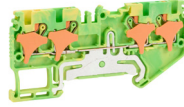
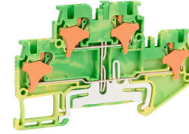


1. Push-in solid or ferrule-terminated wire (for stranded wire, press orange button).
2. Press orange button to release wire.





KN-P1 Series Push-In Ground

**KN-PG1****KN-PG1E-1-2****KN-PG1-2-2****KN-PDG1**

KN-P1 Series Push-In Ground Selection Chart

Part Number	Qty	Price	Feature	Internal Connection	Number of Outputs	Number of Inputs	Color	Drawing Link
<u>KN-PG1</u>	60	\$111.50	Single-level		1	1	Yellow/Green	<u>PDF</u>
<u>KN-PG1-30</u>	30	\$72.50						<u>PDF</u>
<u>KN-PG1E-1-2</u>	50	\$122.00	Single-level, 2 inputs to 1 output		1	2		<u>PDF</u>
<u>KN-PG1E-1-2-25</u>	25	\$78.00						<u>PDF</u>
<u>KN-PG1-2-2</u>	40	\$106.00	Single-level, 2 inputs to 2 outputs		2	2		<u>PDF</u>
<u>KN-PG1-2-2-20</u>	20	\$68.00						<u>PDF</u>
<u>KN-PDG1</u>	30	\$111.50	Double-level		2	2		<u>PDF</u>
<u>KN-PDG1-15</u>	15	\$71.50						<u>PDF</u>

Specifications

Part Number	Width mm [in]	Length mm [in]	Max Current IN (UL)	Max Voltage UN (UL)	Max Current IN (CE)	Max Voltage UN (CE)	SCCR Rating
<u>KN-PG1</u>	3.60 [0.14]	52.20 [2.05]	—	600 VAC/VDC	—	—	10 kA
<u>KN-PG1E-1-2</u>		65.20 [2.57]					
<u>KN-PG1-2-2</u>		78.10 [3.07]					
<u>KN-PDG1</u>		79.80 [3.14]					



KN-P1 Series Push-In Ground

General Specifications	
Connection	Push-In
Stripping Length	8–10mm [0.31–0.39in]
UL Approval (mm ² /AWG/kcmil)	28–14 AWG
CE Conformity (mm ² /AWG/kcmil)	1 mm ²
Density (approximate)	277 pc/meter
Operating Temperature	-60 to +130 °C [-76 to +266 °F]
Relative Humidity	50% max at 104 °F [40 °C] and 90% max at 68 °F [20 °C]
Inflammability Class (according to UL 94)	V0
Conductor (material/per terminal/type)	For Copper (CU) only. Single conductor in terminal, can use stranded/solid/ferrule wire types.
Material	Polyamide (PA)
Mounting	35mm DIN rail
Agency Approval	CE, cURus File Number E179129

Accessories				
Part Number	End Covers	Separators	Jumpers	Marking Tags
KN-PG1	KN-PEC25-16	KN-PS25-10	—	KN-LP1 series
KN-PG1E-1-2	KN-PEC25-12	KN-PS25-12		
KN-PG1-2-2	KN-PEC25-25	KN-PS25-15		
KN-PDG1	KN-PEC25-18	KN-PS25-11		



Push-In Connection Accessories

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. The end covers are constructed from polyamide 66.



KN-PEC25-17

End Covers For Push-In Terminal Blocks Selection Chart

Part Number	Qty	Price	Drawing Link	Part Number	Qty	Price	Drawing Link	Color	Works With
<u>KN-PEC25-10</u>	50	\$37.50	<u>PDF</u>	<u>KN-PEC25-10-25</u>	25	\$21.50	<u>PDF</u>	Gray	KN-PD25DIS series terminal blocks
<u>KN-PEC25-11</u>	50	\$27.50	<u>PDF</u>	<u>KN-PEC25-11-25</u>	25	\$15.50	<u>PDF</u>		KN-PD25-2-2 series terminal blocks
<u>KN-PEC25-12</u>	50	\$48.50	<u>PDF</u>	<u>KN-PEC25-12-25</u>	25	\$27.50	<u>PDF</u>		KN-PD25-1-PN series terminal blocks
<u>KN-PEC25-13</u>	50	\$30.50	<u>PDF</u>	<u>KN-PEC25-13-25</u>	25	\$17.00	<u>PDF</u>		KN-PMD25 series terminal blocks
<u>KN-PEC25-14</u>	50	\$20.00	<u>PDF</u>	<u>KN-PEC25-14-25</u>	25	\$10.50	<u>PDF</u>		KN-P25-1-PN series terminal blocks
<u>KN-PEC25-15</u>	50	\$11.50	<u>PDF</u>	<u>KN-PEC25-15-25</u>	25	\$6.75	<u>PDF</u>		KN-P1 and KN-P25 series terminal blocks
<u>KN-PEC25-16</u>	50	\$11.50	<u>PDF</u>	<u>KN-PEC25-16-25</u>	25	\$6.75	<u>PDF</u>	Yellow/Green	KN-PG1 and KN-PG25 series terminal blocks
<u>KN-PEC25-17</u>	25	\$15.50	<u>PDF</u>	—	—	—	—	Gray	KN-PD1, KN-PD1C and KN-PD25 series terminal blocks
<u>KN-PEC25-18</u>	25	\$15.50	<u>PDF</u>	—	—	—	—	Yellow/Green	KN-PDG1 and KN-PDG25 series terminal blocks
<u>KN-PEC25-19</u>	50	\$31.50	<u>PDF</u>	<u>KN-PEC25-19-25</u>	25	\$18.00	<u>PDF</u>		KN-PTG25 series terminal blocks
<u>KN-PEC25-20</u>	50	\$31.50	<u>PDF</u>	<u>KN-PEC25-20-25</u>	25	\$18.00	<u>PDF</u>	Gray	KN-PT25 series terminal blocks
<u>KN-PEC25-21</u>	50	\$20.00	<u>PDF</u>	<u>KN-PEC25-21-25</u>	25	\$10.50	<u>PDF</u>	Yellow/Green	KN-PG1E-1-2 and KN-PG25E-1-2 series terminal blocks
<u>KN-PEC25-22</u>	50	\$20.00	<u>PDF</u>	<u>KN-PEC25-22-25</u>	25	\$10.50	<u>PDF</u>	Gray	KN-P1-1-2, KN-P25E, and KN-P25-1-2 series terminal blocks
<u>KN-PEC25-23</u>	50	\$25.50	<u>PDF</u>	<u>KN-PEC25-23-25</u>	25	\$15.50	<u>PDF</u>		KN-P25C-2-2 and KN-P25CDIS-2-2 series terminal blocks
<u>KN-PEC25-24</u>	50	\$34.00	<u>PDF</u>	<u>KN-PEC25-24-25</u>	25	\$19.00	<u>PDF</u>		KN-PT25-1-1S-1S series terminal blocks
<u>KN-PEC25-25</u>	50	\$23.50	<u>PDF</u>	<u>KN-PEC25-25-25</u>	25	\$12.50	<u>PDF</u>	Yellow/Green	KN-PG1-2-2 and KN-PG25-2-2 series terminal blocks
<u>KN-PEC25-26</u>	50	\$23.50	<u>PDF</u>	<u>KN-PEC25-26-25</u>	25	\$12.50	<u>PDF</u>	Gray	KN-P1-2-2, KN-P25E-1-2, KN-P25C-2-2NC, and KN-P25-2-2 series terminal blocks
<u>KN-PEC4-10</u>	50	\$23.00	<u>PDF</u>	<u>KN-PEC4-10-25</u>	25	\$15.00	<u>PDF</u>		KN-PG4E-1-2 series terminal blocks
<u>KN-PEC4-11</u>	50	\$23.00	<u>PDF</u>	<u>KN-PEC4-11-25</u>	25	\$15.00	<u>PDF</u>		KN-P4-1-2 and KN-PG4E-1-2 series terminal blocks
<u>KN-PEC4-12</u>	50	\$26.50	<u>PDF</u>	<u>KN-PEC4-12-25</u>	25	\$17.50	<u>PDF</u>		KN-PG4-2-2 series terminal blocks
<u>KN-PEC4-13</u>	50	\$26.50	<u>PDF</u>	<u>KN-PEC4-13-25</u>	25	\$17.50	<u>PDF</u>		KN-P4-2-2 and KN-PG4-2-2 series terminal blocks
<u>KN-PEC4-14</u>	50	\$15.00	<u>PDF</u>	<u>KN-PEC4-14-25</u>	25	\$10.50	<u>PDF</u>		KN-PG4 series terminal blocks
<u>KN-PEC4-15</u>	50	\$15.00	<u>PDF</u>	<u>KN-PEC4-15-25</u>	25	\$10.50	<u>PDF</u>		KN-P4 and KN-PG4 series terminal blocks
<u>KN-PEC6-10</u>	50	\$24.00	<u>PDF</u>	<u>KN-PEC6-10-25</u>	25	\$16.00	<u>PDF</u>		KN-PG6 series terminal blocks
<u>KN-PEC6-11</u>	50	\$23.00	<u>PDF</u>	<u>KN-PEC6-11-25</u>	25	\$15.00	<u>PDF</u>		KN-P6 and KN-PG6 series terminal blocks



Push-In Connection 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.



KN-PS25-10

Separators For Push-In Terminal Blocks Selection Chart									
Part Number	Qty	Price	Drawing Link	Part Number	Qty	Price	Drawing Link	Color	Works With
<u>KN-PS25-10</u>	50	\$28.50	<u>PDF</u>	<u>KN-PS25-10-25</u>	25	\$17.00	<u>PDF</u>	Gray	KN-P1, KN-PDG1 and KN-P25 series blocks
<u>KN-PS25-11</u>	25	\$28.50	<u>PDF</u>	—	—	—	—		KN-PD1, KN-PD1C and KN-PD25 series blocks
<u>KN-PS25-12</u>	50	\$38.50	<u>PDF</u>	<u>KN-PS25-12-25</u>	25	\$22.50	<u>PDF</u>		KN-P1-1-2, KN-PG1-1-2, KN-PG1E-1-2, KN-PG25E-1-2 and KN-P25-1-2 series blocks
<u>KN-PS25-13</u>	50	\$47.00	<u>PDF</u>	<u>KN-PS25-13-25</u>	25	\$27.50	<u>PDF</u>		KN-P25C-2-2 and KN-P25CDIS-2-2 series blocks
<u>KN-PS25-14</u>	50	\$55.00	<u>PDF</u>	<u>KN-PS25-14-25</u>	25	\$30.50	<u>PDF</u>		KN-PT25-1-1S-1S series blocks
<u>KN-PS25-15</u>	50	\$47.00	<u>PDF</u>	<u>KN-PS25-15-25</u>	25	\$27.50	<u>PDF</u>		KN-P1-2-2, KN-PG1-2-2 and KN-P25-2-2 series blocks
<u>KN-PS4-10</u>	50	\$41.50	<u>PDF</u>	<u>KN-PS4-10-25</u>	25	\$26.50	<u>PDF</u>		KN-P4-1-2 and KN-PG4E-1-2
<u>KN-PS4-11</u>	50	\$47.00	<u>PDF</u>	<u>KN-PS4-11-25</u>	25	\$30.00	<u>PDF</u>		KN-P4-2-2 and KN-PG4-2-2
<u>KN-PS4-12</u>	50	\$31.00	<u>PDF</u>	<u>KN-PS4-12-25</u>	25	\$19.50	<u>PDF</u>		KN-P4 and KN-PG4
<u>KN-PS6-10</u>	50	\$49.50	<u>PDF</u>	<u>KN-PS6-10-25</u>	25	\$32.00	<u>PDF</u>		KN-P6 and KN-PG6



Push-In Connection Accessories

Test Plugs

Test plugs are compact, purpose-built accessories designed to work seamlessly with DIN rail terminal blocks that feature screwless push-in connections. These plugs enable technicians and engineers to simulate or verify circuit continuity without the need for actual wiring, streamlining installation checks, commissioning, and maintenance procedures.



KN-TP2

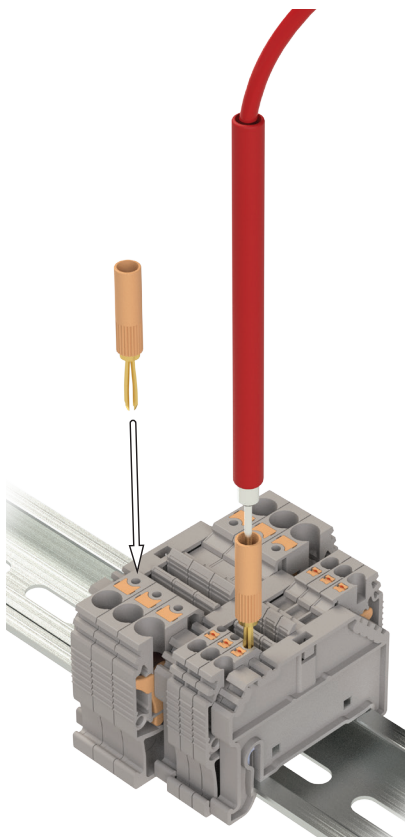


KN-TP2P3

Test Plugs Selection Chart

Part Number	Qty	Price	Drawing Link	Color	Works With
<u>KN-TP2</u>	5	\$68.00	<u>PDF</u>	Red	KN-P1, KN-P25, KN-P4 series terminal blocks
<u>KN-TP2P3</u>	5	\$75.00	<u>PDF</u>		KN-P6 series terminal blocks

Installation Diagram



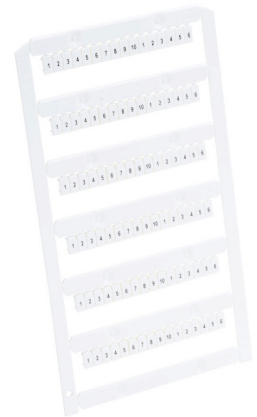


Push-In Connection Accessories

KN-LP1 Series Marking Tags

For use with KN-P1 series KONNECT-IT terminal blocks.

Marking Tags Selection Chart					
Part Number	Marking Sequence	For Use With	Qty	Price	Drawing Link
<u>KN-LP1-BLNK</u>	Blank	KONNECT-IT push-in KN-P1 series terminal blocks	480	\$12.50	<u>PDF</u>
<u>KN-LP1-1-10</u>	Numbered 1–6 (50 of each number) and numbered 7–10 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-11-20</u>	Numbered 11–16 (50 of each number) and numbered 17–20 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-21-30</u>	Numbered 21–26 (50 of each number) and numbered 27–30 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-31-40</u>	Numbered 31–36 (50 of each number) and numbered 37–40 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-41-50</u>	Numbered 41–46 (50 of each number) and numbered 47–50 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-51-60</u>	Numbered 51–56 (50 of each number) and numbered 57–60 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-61-70</u>	Numbered 61–66 (50 of each number) and numbered 67–70 (45 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP1-71-80</u>	Numbered 71–76 (50 of each number) and numbered 77–80 (45 of each number)			\$33.50	<u>PDF</u>

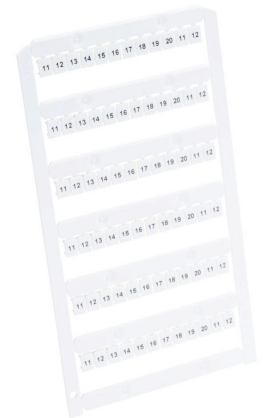


[KN-LP1-1-10](#)

KN-LP25 Series Marking Tags

For use with KN-P25 series KONNECT-IT terminal blocks.

Marking Tags Selection Chart					
Part Number	Marking Sequence	For Use With	Qty	Price	Drawing Link
<u>KN-LP25-BLNK</u>	Blank	KONNECT-IT push-in KN-P25 series terminal blocks	360	\$12.50	<u>PDF</u>
<u>KN-LP25-1-10</u>	Numbered 1–2 (60 of each number) and numbered 3–10 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-11-20</u>	Numbered 11–12 (60 of each number) and numbered 13–20 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-21-30</u>	Numbered 21–22 (60 of each number) and numbered 23–30 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-31-40</u>	Numbered 31–32 (60 of each number) and numbered 33–40 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-41-50</u>	Numbered 41–42 (60 of each number) and numbered 43–50 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-51-60</u>	Numbered 51–52 (60 of each number) and numbered 53–60 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-61-70</u>	Numbered 61–62 (60 of each number) and numbered 63–70 (30 of each number)			\$33.50	<u>PDF</u>
<u>KN-LP25-71-80</u>	Numbered 71–72 (60 of each number) and numbered 73–80 (30 of each number)			\$33.50	<u>PDF</u>



[KN-LP25-11-20](#)



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 with zinc-plated connectors, and available in both UL 94 V0 and UL 94 V2 flammability ratings.



KN-EB3V0



KN-EM8V0

End Brackets Selection Chart

Part Number	Qty	Price	UL 94 Rating	Type	Mounting	Bracket Width	Tightening Torque	Color	Drawing Link			
KN-EB3	100	\$57.00	V2	Screw-down end bracket	35mm DIN rail	8mm [0.31in]	0.6–0.8 N·m [5.3–7.1 lb·in]	Gray	PDF			
KN-EB3-10	10	\$7.50							PDF			
KN-EB3V0	100	\$67.00	V0				PDF					
KN-EB3V0-10	10	\$8.75					PDF					
KN-EB4	100	\$59.00	V2	Snap-on end bracket	15mm DIN rail	—	PDF					
KN-EB4-10	10	\$5.25					PDF					
KN-EB4V0	100	\$70.00	V0				PDF					
KN-EB4V0-10	10	\$8.25					PDF					
KN-EB5	100	\$86.00	V2	Screw-down end bracket	35mm DIN rail	10mm [0.39in]	PDF					
KN-EB5-10	10	\$9.75					PDF					
KN-EB7	50	\$59.00					V0		Snap-on end bracket	5mm [0.20in]	—	PDF
KN-EB7-10	10	\$11.50										PDF
KN-EB7V0	50	\$65.00	PDF									
KN-EB7V0-10	10	\$13.50	PDF									
KN-EM8V0	125	\$65.00	V0	Snap-on end bracket			PDF					
KN-EM8V0-25	25	\$15.00					PDF					

Label Holders Selection Chart

Part Number	Description	Works With	Qty	Price	Drawing Link
KN-MA-1	Label holder for terminal block group Label media not included	KN-EB4	25	\$25.00	PDF
KN-MA-1-10	Adhesive label: Apply on top Max label dimensions: 7 x 44mm (0.28 x 1.73in)		10	\$11.00	PDF
KN-MA-2	Label holder for terminal block group Label media not included	KN-EB7	50	\$63.00	PDF
KN-MA-2-10	Adhesive label: Apply on top Max label dimensions: 7 x 44mm (0.28 x 1.73in)		10	\$15.00	PDF
KN-MA-5	Label holder for terminal block group Label media included	Attaches to any 35mm DIN rail	50	\$51.00	PDF
KN-MA-5-25	Max label dimensions: 10 x 38mm (0.39 x 1.50in) Thickness 0.30mm (0.01in)		25	\$31.50	PDF



KN-MA-1



KN-MA-2



KN-MA-5