

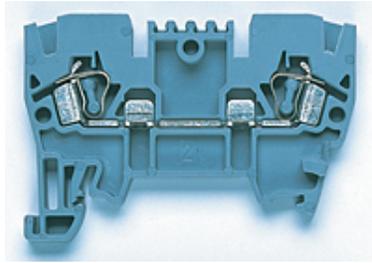
American Electrical, Inc.

456 Southlake Blvd,
Richmond, VA 23236

Phone: 804-379-2899 • Fax: 804-379-8935

Email: sales@americanelectrical.com • Website:www.americanelectrical.com

YBK Series Terminal Blocks



MATERIALS AND FUNCTION

Housings - The plastic housing holding the metallic screws and clamps is made of UL 94 V2 (105 degree C) thermoplastic polyamide 6.6. This plastic and its certification allow operation rated at 600 V, providing ample dielectric strength for any Industrial Application.

Clamps - Steel is one of the strongest materials available for its value. The clamps are zinc plated to guard against corrosion. When properly torqued, the clamp is designed to self-lock.

Screws - Made of steel as well, the screws act as a system with the clamps - this system requires the same materials for each component. The screws lift and help to self-lock the clamps providing a downward force onto the conductors. The screws are also plated with a Zinc finish to prevent any form of corrosion.

CONNECTION TYPES

Screw Connection

This is the most popular of all known connection methods. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any preparation.

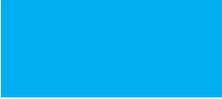
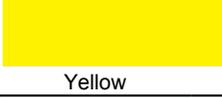
When the screw is tightened, the pressure pulls apart both halves of the clamping yoke. This generates a high locking action on the screw and provides excellent vibration resistance.

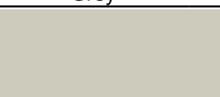
Tension Clamp System

Tension clamp connection allows the conductor to be pressed directly against the current bar. The clamp is opened with a screwdriver allowing the insertion of the conductor.

Results 1 - 25 of 48

Item #	Model	Type	Color	UL Voltage	UL Current	UL Cross-Section	List Price
306 220	YBK 2.5	Tension Clamp Terminals	 Beige	600 ~ V	20 A	22 - 12 AWG	\$0.74
306 221	YBK 2.5	Tension Clamp Terminals	 Blue	600 ~ V	20 A	22 - 12 AWG	\$0.74
306 222	YBK 2.5	Tension Clamp Terminals	 Green	600 ~ V	20 A	22 - 12 AWG	\$0.74
306 223	YBK 2.5	Tension Clamp Terminals	 Yellow	600 ~ V	20 A	22 - 12 AWG	\$0.74
306 224	YBK 2.5	Tension Clamp Terminals	 Red	600 ~ V	20 A	22 - 12 AWG	\$0.74
306 229	YBK 2.5	Tension Clamp Terminals	 Grey	600 ~ V	20 A	22 - 12 AWG	\$0.74

306 230	YBK 4	Tension Clamp Terminals		600 ~ V	26 A	22 - 10 AWG	\$0.92
			Beige				
306 231	YBK 4	Tension Clamp Terminals		600 ~ V	26 A	22 - 10 AWG	\$0.92
			Blue				
306 232	YBK 4	Tension Clamp Terminals		600 ~ V	26 A	22 - 10 AWG	\$0.92
			Green				
306 233	YBK 4	Tension Clamp Terminals		600 ~ V	26 A	22 - 10 AWG	\$0.92
			Yellow				
306 234	YBK 4	Tension Clamp Terminals		600 ~ V	26 A	22 - 10 AWG	\$0.92
			Red				
306 239	YBK 4	Tension Clamp Terminals		600 ~ V	26 A	22 - 10 AWG	\$0.92
			Grey				
306 240	YBK 6	Tension Clamp Terminals		600 ~ V	35 A	22 - 8 AWG	\$1.22
			Beige				
306 241	YBK 6	Tension Clamp Terminals		600 ~ V	35 A	22 - 8 AWG	\$1.22
			Blue				
306 242	YBK 6	Tension Clamp Terminals		600 ~ V	35 A	22 - 8 AWG	\$1.22
			Green				
306 243	YBK 6	Tension Clamp Terminals		600 ~ V	35 A	22 - 8 AWG	\$1.22
			Yellow				
306 244	YBK 6	Tension Clamp Terminals		600 ~ V	35 A	22 - 8 AWG	\$1.22
			Red				
306 249	YBK 6	Tension Clamp Terminals		600 ~ V	35 A	22 - 8 AWG	\$1.22
			Grey				
306 250	YBK 10	Tension Clamp Terminals		600 ~ V	55 A	20 - 6 AWG	\$1.81
			Beige				
306 251	YBK 10	Tension Clamp Terminals		600 ~ V	55 A	20 - 6 AWG	\$1.81
			Blue				
306 252	YBK 10	Tension Clamp Terminals		600 ~ V	55 A	20 - 6 AWG	\$1.81
			Green				

306 253	YBK 10	Tension Clamp Terminals		600 ~ V	55 A	20 - 6 AWG	\$1.81
			Yellow				
306 254	YBK 10	Tension Clamp Terminals		600 ~ V	55 A	20 - 6 AWG	\$1.81
			Red				
306 259	YBK 10	Tension Clamp Terminals		600 ~ V	55 A	20 - 6 AWG	\$1.81
			Grey				
326 050	YBK 2.5 E	N/A		N/A	N/A	N/A	\$1.90
			Beige				

Results 1 - 25 of 48

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****NEW** Thermocouple Terminal Blocks**

- Built in Miniature Female Thermocouple Connector for Monitoring, Troubleshooting and Audit Feature
- Screw Type Terminal for Secure and Maintenance Free Connections
- Type K and J Calibrations
- Fully Enclosed—No End Plates Required
- DIN Rail Mountable (32 mm or 35 mm)—Narrow 10.7 mm Width
- Identified with Calibration and “+”, “-” Connections
- Write-On terminal markers



Results 1 - 6 of 6

Item #	Width	Length	Wire Size	Insulation Stripping Length	Torque	Temperature Range	List Price
TCB-J	10.7 mm	51 mm	12 AWG	8 mm	0.6 to 0.8 N·m	-40 to 85 °C	\$23.07
TCB-K	10.7 mm	51 mm	12 AWG	8 mm	0.6 to 0.8 N·m	-40 to 85 °C	\$23.07
TCABLE-J	N/A	60 in	N/A	N/A	N/A	N/A	\$40.28
TCABLE-K	N/A	60 in	N/A	N/A	N/A	N/A	\$40.28
TCONN-J	N/A	N/A	N/A	N/A	N/A	N/A	\$5.52
TCONN-K	N/A	N/A	N/A	N/A	N/A	N/A	\$5.52

Results 1 - 6 of 6

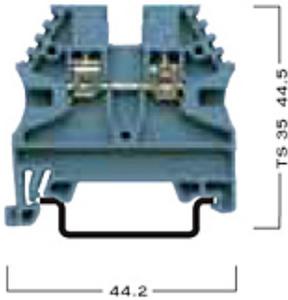
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AVK Series Terminal Blocks



MATERIALS AND FUNCTION

Housings - The plastic housing holding the metallic screws and clamps is made of UL 94 V2 (105 degree C) thermoplastic polyamide 6.6. This plastic and its certification allow operation rated at 600 V, providing ample dielectric strength for any Industrial Application.

Clamps - Steel is one of the strongest materials available for its value. The clamps are zinc plated to guard against corrosion. When properly torqued, the clamp is designed to self-lock.

Screws - Made of steel as well, the screws act as a system with the clamps - this system requires the same materials for each component. The screws lift and help to self-lock the clamps providing a downward force onto the conductors. The screws are also plated with a Zinc finish to prevent any form of corrosion.

CONNECTION TYPES

Screw Connection

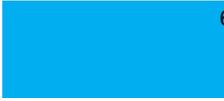
This is the most popular of all known connection methods. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any preparation.

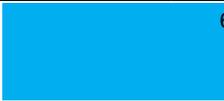
When the screw is tightened, the pressure pulls apart both halves of the clamping yoke. This generates a high locking action on the screw and provides excellent vibration resistance.

Tension Clamp System

Tension clamp connection allows the conductor to be pressed directly against the current bar. The clamp is opened with a screwdriver allowing the insertion of the conductor.

Results 1 - 25 of 39

Item #	Model	Type	Width	Color	UL/CSA Voltage	UL/CSA Current	UL/CSA Cross-Section	List Price
304 120	AVK 2.5	Feed-Through Terminals	5 mm	 Grey	600 ~ V	20 A	26 - 12 AWG	\$0.64
304 121	AVK 2.5	Feed-Through Terminals	5 mm	 Blue	600 ~ V	20 A	26 - 12 AWG	\$0.64
304 122	AVK 2.5	Feed-Through Terminals	5 mm	 Green	600 ~ V	20 A	26 - 12 AWG	\$0.64
304 123	AVK 2.5	Feed-Through Terminals	5 mm	 Yellow	600 ~ V	20 A	26 - 12 AWG	\$0.64
304 124	AVK 2.5	Feed-Through Terminals	5 mm	 Red	600 ~ V	20 A	26 - 12 AWG	\$0.64
304 129	AVK 2.5	Feed-Through Terminals	5 mm	 Beige	600 ~ V	20 A	26 - 12 AWG	\$0.64

304 130	AVK 4	Feed-Through Terminals	6 mm		600 ~ V	30 A	26 - 10 AWG	\$0.70
				Grey				
304 131	AVK 4	Feed-Through Terminals	6 mm		600 ~ V	30 A	26 - 10 AWG	\$0.70
				Blue				
304 132	AVK 4	Feed-Through Terminals	6 mm		600 ~ V	30 A	26 - 10 AWG	\$0.70
				Green				
304 133	AVK 4	Feed-Through Terminals	6 mm		600 ~ V	30 A	26 - 10 AWG	\$0.70
				Yellow				
304 134	AVK 4	Feed-Through Terminals	6 mm		600 ~ V	30 A	26 - 10 AWG	\$0.70
				Red				
304 139	AVK 4	Feed-Through Terminals	6 mm		600 ~ V	30 A	26 - 10 AWG	\$0.70
				Beige				
304 140	AVK 6	Feed-Through Terminals	8 mm		600 ~ V	50 A	26 - 8 AWG	\$0.83
				Grey				
304 141	AVK 6	Feed-Through Terminals	8 mm		600 ~ V	50 A	26 - 8 AWG	\$0.83
				Blue				
304 142	AVK 6	Feed-Through Terminals	8 mm		600 ~ V	50 A	26 - 8 AWG	\$0.83
				Green				
304 143	AVK 6	Feed-Through Terminals	8 mm		600 ~ V	50 A	26 - 8 AWG	\$0.83
				Yellow				
304 144	AVK 6	Feed-Through Terminals	8 mm		600 ~ V	50 A	26 - 8 AWG	\$0.83
				Red				
304 149	AVK 6	Feed-Through Terminals	8 mm		600 ~ V	50 A	26 - 8 AWG	\$0.83
				Beige				
304 150	AVK 10	Feed-Through Terminals	10 mm		600 ~ V	65 A	16 - 6 AWG	\$1.04
				Grey				
304 151	AVK 10	Feed-Through Terminals	10 mm		600 ~ V	65 A	16 - 6 AWG	\$1.04
				Blue				

304 152	AVK 10	Feed-Through Terminals	10 mm		600 ~ V	65 A	16 - 6 AWG	\$1.04
				Green				
304 153	AVK 10	Feed-Through Terminals	10 mm		600 ~ V	65 A	16 - 6 AWG	\$1.04
				Yellow				
304 154	AVK 10	Feed-Through Terminals	10 mm		600 ~ V	65 A	16 - 6 AWG	\$1.04
				Red				
304 159	AVK 10	Feed-Through Terminals	10 mm		600 ~ V	65 A	16 - 6 AWG	\$1.04
				Beige				
304 160	AVK 16	Feed-Through Terminals	12 mm		600 ~ V	85 A	12 - 4 AWG	\$1.69
				Grey				

Results 1 - 25 of 39

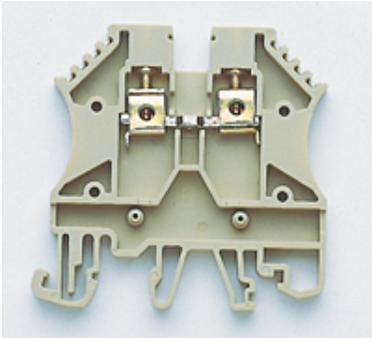
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PEK Series Feed-Through Terminal Blocks



MATERIALS AND FUNCTION

Housings - The plastic housing holding the metallic screws and clamps is made of UL 94 V2 (105 degree C) thermoplastic polyamide 6.6. This plastic and its certification allow operation rated at 600 V, providing ample dielectric strength for any Industrial Application.

Clamps - Steel is one of the strongest materials available for its value. The clamps are zinc plated to guard against corrosion. When properly torqued, the clamp is designed to self-lock.

Screws - Made of steel as well, the screws act as a system with the clamps - this system requires the same materials for each component. The screws lift and help to self-lock the clamps providing a downward force onto the conductors. The screws are also plated with a Zinc finish to prevent any form of corrosion.

CONNECTION TYPES

Screw Connection

This is the most popular of all known connection methods. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any preparation.

When the screw is tightened, the pressure pulls apart both halves of the clamping yoke. This generates a high locking action on the screw and provides excellent vibration resistance.

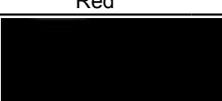
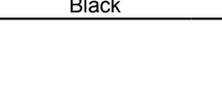
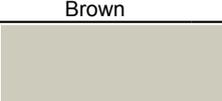
Tension Clamp System

Tension clamp connection allows the conductor to be pressed directly against the current bar. The clamp is opened with a screwdriver allowing the insertion of the conductor.

PEK type terminals are manufactured from a thermoplastic material and are mountable on TS35 and TS32 DIN rails. Nine different colors give users the ability to group control systems, current and/or voltage levels.

Results 1 - 25 of 72

Item #	Model	Width	Color	UL Voltage	UL Current	UL Cross-Section	List Price
305 110	PEK 2.5 K	5 mm	 Beige	600 ~ V	18 A	26 - 12 AWG	\$0.57
305 111	PEK 2.5 K	5 mm	 Blue	600 ~ V	18 A	26 - 12 AWG	\$0.57
305 112	PEK 2.5 K	5 mm	 Green	600 ~ V	18 A	26 - 12 AWG	\$0.57
305 113	PEK 2.5 K	5 mm	 Yellow	600 ~ V	18 A	26 - 12 AWG	\$0.57
305 114	PEK 2.5 K	5 mm	 Red	600 ~ V	18 A	26 - 12 AWG	\$0.57

305 115	PEK 2.5 K	5 mm		600 ~ V	18 A	26 - 12 AWG	\$0.57
			Black				
305 116	PEK 2.5 K	5 mm		600 ~ V	18 A	26 - 12 AWG	\$0.57
			White				
305 117	PEK 2.5 K	5 mm		600 ~ V	18 A	26 - 12 AWG	\$0.57
			Orange				
305 118	PEK 2.5 K	5 mm		600 ~ V	18 A	26 - 12 AWG	\$0.57
			Brown				
305 120	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Beige				
305 121	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Blue				
305 122	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Green				
305 123	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Yellow				
305 124	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Red				
305 125	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Black				
305 126	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			White				
305 127	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Orange				
305 128	PEK 2.5	6 mm		600 ~ V	26 A	26 - 12 AWG	\$0.70
			Brown				
305 130	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			Beige				
305 131	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			Blue				

305 132	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			Green				
305 133	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			Yellow				
305 134	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			Red				
305 135	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			Black				
305 136	PEK 4	6.5 mm		600 ~ V	34 A	26 - 10 AWG	\$0.78
			White				

Results 1 - 25 of 72

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PYK Series Ground Terminal Blocks



Spring clamp earth terminals have the same outer dimensions as the standart PYK blocks for the same cross-sections. This enables earth terminal blocks to be mounted directly beside feed-through terminal blocks. The main characteristics are:

Results 1 - 4 of 4

Item #	List Price	Model	Type	Width	UL/CSA Cross-Section	Color
336500	\$1.92	PYK 2.5T	Practical Spring Clamp Ground Terminal	5 mm	22-12 AWG	 Yellow-Green
336510	\$2.35	PYK 4T	Practical Spring Clamp Ground Terminal	6 mm	22-10 AWG	 Yellow-Green
336520	\$3.53	PYK 6T	Practical Spring Clamp Ground Terminal	8 mm	20-8 AWG	 Yellow-Green
336530	\$4.16	PYK 10T	Practical Spring Clamp Ground Terminal	10 mm	20-6 AWG	 Yellow-Green

Results 1 - 4 of 4

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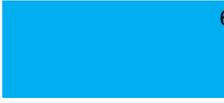
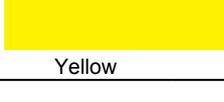
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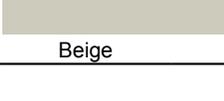
PYK Series Terminal Blocks

**Practical Terminal Blocks**

Cable is connected to the terminal just by pushing-in, without the need to use a screwdriver. PYK is suitable for applications with or without end-sleeves. All you need to do is to push the cable into the cable hole to make the connection. If needed, cable can be released easily by using a screwdriver.

Results 1 - 24 of 24

Item #	Model	Type	Width	Color	UL/CSA Voltage	UL/CSA Current	UL/CSA Cross-Section	List Price
307109	PYK 2.5	Practical Spring Clamp Terminals	5 mm	 Grey	600 ~ V	20 A	22-12 AWG	\$0.78
307101	PYK 2.5	Practical Spring Clamp Terminals	5 mm	 Blue	600 ~ V	20 A	22-12 AWG	\$0.78
307102	PYK 2.5	Practical Spring Clamp Terminals	5 mm	 Green	600 ~ V	20 A	22-12 AWG	\$0.78
307103	PYK 2.5	Practical Spring Clamp Terminals	5 mm	 Yellow	600 ~ V	20 A	22-12 AWG	\$0.78
307104	PYK 2.5	Practical Spring Clamp Terminals	5 mm	 Red	600 ~ V	20 A	22-12 AWG	\$0.78
307100	PYK 2.5	Practical Spring Clamp Terminals	5 mm	 Beige	600 ~ V	20 A	22-12 AWG	\$0.78
307119	PYK 4	Practical Spring Clamp Terminals	6 mm	 Grey	600 ~ V	30 A	22-10 AWG	\$0.97
307111	PYK 4	Practical Spring Clamp Terminals	6 mm	 Blue	600 ~ V	30 A	22-10 AWG	\$0.97
307112	PYK 4	Practical Spring Clamp Terminals	6 mm	 Green	600 ~ V	30 A	22-10 AWG	\$0.97
307113	PYK 4	Practical Spring Clamp Terminals	6 mm	 Yellow	600 ~ V	30 A	22-10 AWG	\$0.97

307114	PYK 4	Practical Spring Clamp Terminals	6 mm		600~ V	30 A	22-10 AWG	\$0.97
				Red				
307110	PYK 4	Practical Spring Clamp Terminals	6 mm		600~ V	30 A	22-10 AWG	\$0.97
				Beige				
307129	PYK 6	Practical Spring Clamp Terminals	8 mm		600~ V	45 A	20-8 AWG	\$1.52
				Grey				
307121	PYK 6	Practical Spring Clamp Terminals	8 mm		600~ V	45 A	20-8 AWG	\$1.52
				Blue				
307122	PYK 6	Practical Spring Clamp Terminals	8 mm		600~ V	45 A	20-8 AWG	\$1.52
				Green				
307123	PYK 6	Practical Spring Clamp Terminals	8 mm		600~ V	45 A	20-8 AWG	\$1.52
				Yellow				
307124	PYK 6	Practical Spring Clamp Terminals	8 mm		600~ V	45 A	20-8 AWG	\$1.52
				Red				
307120	PYK 6	Practical Spring Clamp Terminals	8 mm		600~ V	45 A	20-8 AWG	\$1.52
				Beige				
307139	PYK 10	Practical Spring Clamp Terminals	10 mm		600~ V	55 A	20-6 AWG	\$2.32
				Grey				
307131	PYK 10	Practical Spring Clamp Terminals	10 mm		600~ V	55 A	20-6 AWG	\$2.32
				Blue				
307132	PYK 10	Practical Spring Clamp Terminals	10 mm		600~ V	55 A	20-6 AWG	\$2.32
				Green				
307133	PYK 10	Practical Spring Clamp Terminals	10 mm		600~ V	55 A	20-6 AWG	\$2.32
				Yellow				
307134	PYK 10	Practical Spring Clamp Terminals	10 mm		600~ V	55 A	20-6 AWG	\$2.32
				Red				
307130	PYK 10	Practical Spring Clamp Terminals	10 mm		600~ V	55 A	20-6 AWG	\$2.32
				Beige				

Results 1 - 24 of 24