

Sta-Kon Terminal Products and Tools

Insulated Ferrules

Features

- Ferrules ensure reliable electrical connections when terminating conductors in screw clamp terminal blocks
- Fraying and breaking of wire strands is prevented and the possibility of an unreliable connection is minimized
- Insulated ferrules prevent conductor breakage due to bending, wire stress, or vibration, while facilitating wire insertions into the terminal block clamp
- Ferrules are the preferred alternative to twisting wire stands or tinning the wire end before terminating into a terminal block
- Ferrules are thin-walled copper tubes, which are mechanically crimped onto the ends of stranded wires
- They are easy to use — simply strip the wire, slide the ferrule onto the end of the wire and crimp
- Meets emerging global standards, requiring wire-to-metric style terminal block installations be terminated with a "pin" style terminal
- Available in vinyl insulated, nylon insulated, and non-insulated styles
- All styles offered in 22 AWG to 10 AWG and compatible with existing Sta-Kon® tooling

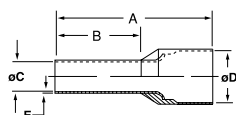
How to Apply a Ferrule

- Strip the insulation from the end of the wire and insert into the insulated end of the ferrule
- Using the designated crimping tool, place the metal shaft into the tool's appropriate slot. Compress the tool to make a crescent-shape depression along the length of the ferrule
- Insert the crimped ferrule into the terminal block
- Tighten the ferrule and wire into the terminal block

Materials

- High conductivity copper
- Tin plating

Insulated Ferrules



CAT. NO.	CONDUCTOR SECTION		COLOR	DIMENSIONS INCHES/MM					INSTALLATION TOOLING	PKG. QTY.
	AWG	MM2		A	B	ØC	ØD	E		
F4004	26	0.14	Gray	.413/10.5	.236/6.0	.031/.80	.079/2.0	.010/.25	T3, ERG2	500
F4005	26	0.14		.492/12.5	.315/8.0	.031/.80	.079/2.0	.010/.25	T3, ERG2	500
F4006	24	0.25	Yellow	.413/10.5	.236/6.0	.031/.80	.079/2.0	.010/.25	T3, ERG2	500
F4007	24	0.25		.492/12.5	.315/8.0	.031/.80	.079/2.0	.010/.25	T3, ERG2	500
F4008	22	0.34	Purple	.413/10.5	.236/6.0	.031/.80	.079/2.0	.010/.25	T3, ERG2	500
F4009	22	0.34		.492/12.5	.315/8.0	.031/.80	.079/2.0	.010/.25	T3, ERG2	500
F2020	20	0.50	White	.453/11.5	.236/6.0	.043/1.1	.098/2.5	.006/0.15	T1, T3 & ERG2	500
F2021	20	0.50		.531/13.5	.315/8.0	.043/1.1	.098/2.5	.006/0.15	T1, T3 & ERG2	500
F2022	20	0.50		.610/15.5	.394/10.0	.043/1.1	.098/2.5	.006/0.15	T1, T3 & ERG2	500
F2023	18	0.75	Gray	.472/12.0	.236/6.0	.051/1.3	.110/2.8	.006/0.15	T1, T3 & ERG2	500
F2024	18	0.75		.551/14.0	.315/8.0	.051/1.3	.110/2.8	.006/0.15	T1, T3 & ERG2	500
F2025	18	0.75		.630/16.0	.394/10.0	.051/1.3	.110/2.8	.006/0.15	T1, T3 & ERG2	500
F2026	18	0.75	Red	.709/18.0	.472/12.0	.051/1.3	.110/2.8	.006/0.15	T1, T3 & ERG2	500
F2027	18	1.00		.492/12.5	.236/6.0	.059/1.5	.118/3.0	.006/0.15	T1, T3 & ERG2	500
F2028	18	1.00		.571/14.5	.315/8.0	.059/1.5	.118/3.0	.006/0.15	T1, T3 & ERG2	500
F2029	18	1.00	Black	.650/16.5	.394/10.0	.059/1.5	.118/3.0	.006/0.15	T1, T3 & ERG2	500
F2030	18	1.00		.728/18.5	.472/12.0	.059/1.5	.118/3.0	.006/0.15	T1, T3 & ERG2	500
F2031	16	1.50		.571/14.5	.315/8.0	.071/1.8	.134/3.4	.006/0.15	T1, T3 & ERG2	500
F2032	16	1.50	Blue	.650/16.5	.394/10.0	.071/1.8	.134/3.4	.006/0.15	T1, T3 & ERG2	500
F2033	16	1.50		.728/18.5	.472/12.0	.071/1.8	.134/3.4	.006/0.15	T1, T3 & ERG2	500
F2034	16	1.50		.965/24.5	.708/18.0	.071/1.8	.134/3.4	.006/0.15	T1, T3 & ERG2	500
F2035	14	2.50	Gray	.591/15.0	.315/8.0	.091/2.3	.165/4.2	.006/0.15	T1, T3 & ERG2	500
F2036	14	2.50		.748/19.0	.472/12.0	.091/2.3	.165/4.2	.006/0.15	T1, T3 & ERG2	500
F2037	14	2.50		.984/25.0	.708/18.0	.091/2.3	.165/4.2	.006/0.15	T1, T3 & ERG2	500
F2038	12	4.00	Yellow	.889/17.5	.394/10.0	.114/2.9	.189/4.8	.008/0.20	T3 & ERG2	500
F2039	12	4.00		.787/20.0	.472/12.0	.114/2.9	.189/4.8	.008/0.20	T3 & ERG2	500
F2040	12	4.00		1.024/26.0	.708/18.0	.114/2.9	.189/4.8	.008/0.20	T3 & ERG2	100
F2041	10	6.00	Red	.787/20.0	.472/12.0	.142/3.6	.244/6.2	.008/0.20	T3 & ERG2	100
F2042	10	6.00		.984/25.0	.708/18.0	.142/3.6	.244/6.2	.008/0.20	T3 & ERG2	100
F2043	8	10.00		.827/21.0	.472/12.0	.181/4.6	.295/7.5	.008/0.20	T3 & ERG2	100
F2044	8	10.00	Blue	1.063/27.0	.708/18.0	.181/4.6	.295/7.5	.008/0.20	T3 & ERG2	100
F2045	6	16.00		.906/23.0	.472/12.0	.236/6.0	.346/8.8	.008/0.20	ERG2	100
F2046	6	16.00		1.142/29.0	.708/18.0	.236/6.0	.346/8.8	.008/0.20	ERG2	50
F2047	4	25.00	Yellow	1.142/29.0	.630/18.0	.295/7.5	.433/11.0	.008/0.20	ERG2	50
F2048	4	25.00		1.220/31.0	.708/18.0	.295/7.5	.433/11.0	.008/0.20	ERG2	50
F2049	4	25.00		1.378/35.0	.866/22.0	.295/7.5	.433/11.0	.008/0.20	ERG2	50
F2050	2	35.00	Red	1.181/30.0	.630/16.0	.335/8.5	.492/12.5	.008/0.20	ERG2	50
F2051	2	35.00		1.260/32.0	.708/18.0	.335/8.5	.492/12.5	.008/0.20	ERG2	50
F2052	2	35.00		1.535/39.0	.984/25.0	.335/8.5	.492/12.5	.008/0.20	ERG2	50
F2053	1/0	50.00	Blue	1.417/36.0	.787/20.0	.413/10.5	.591/15.0	.014/0.35	ERG2	50
F2054	1/0	50.00		1.614/41.0	.984/25.0	.413/10.5	.591/15.0	.014/0.35	ERG2	50

Ferrule Dimensions conform to DIN 46228, Part 4.

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