Continuous PIN Terminals - PVC Insulated, Copper, Tin Plated JW-TM04

Model No. JW-TM04



SPECIFICATIONS

Material	Copper
Sheath	Nylon/PVC
Temperature Rating	75/105°C
Surface Treatment	Tin plating
Features	Aging resistance, high-temperature resistance, firm wiring, oxidation prevention

JW-TM04 is a continuous pin terminal: copper body, tin plated, nylon/PVC sleeve rated 75/105°C, supplied on a carrier strip so an applicator can crimp and cut one pin per stroke. The pin enters a terminal block or a push-in clamp, and the sleeve protects the barrel and the insulation entry.

Ferrules and pins fail in two ways on a production line: the barrel oxidises before the crimp is made and raises resistance, and the sleeve cracks where the wire bends. TM04 addresses both - tin plating over copper limits oxidation on the barrel, and the sleeve is specified for aging and high-temperature resistance so it stays flexible at the insulation entry. Crimping from strip keeps pin alignment constant instead of relying on hand-held placement.

TM04 sits between JW-TM03 and JW-TM05 in the series. TM03 covers male, female and flag push-on bodies; TM05 is an SVN spade for studs from 3.2 to 10.5 mm at 19 to 48 A. TM04 is the pin style for terminal blocks and push-in clamps, where the conductor is inserted rather than screwed or pushed onto a tab.

Key Features

1. Continuous strip supply, so the applicator crimps and cuts one pin per stroke with the barrel aligned to the tool each time.

2. Copper body with tin plating, preventing barrel oxidation between plating and crimp and keeping contact resistance low in storage.

3. Nylon/PVC sleeve rated 75/105°C, specified for aging and high-temperature resistance at the insulation entry.

4. Pin body sized for terminal blocks and push-in clamps, where the conductor is inserted straight rather than screwed down.

5. Crimp barrel formed onto the strand bundle for firm wiring, so the pin cannot rotate or pull back inside the sleeve.

6. Colour-coded sleeves across the range, allowing wire size to be read at the bench without measuring the barrel.

Technical Specifications

Parameter	Specification
Model	JW-TM04
Product type	Continuous pin terminal
Material	Copper
Sheath	Nylon / PVC
Temperature rating	75/105°C
Surface treatment	Tin plating
Properties	Aging resistance, high-temperature resistance, firm wiring, oxidation prevention
Sleeve colours	Blue, red, orange, green
Supply form	Carrier strip

Applications

— Terminal block wiring - control and signal conductors inserted into screwless push-in clamps in panel builds.

— PCB header termination - pin terminals on board-level connectors where a stranded wire must enter a cage clamp.

— Sensor and instrument looms - 75/105°C rated pins on transmitters mounted in warm enclosures.

— Appliance control boards - internal wiring to push-in connectors on controller PCBs, crimped from strip on an applicator.

— Machine wiring retrofit - field terminations on existing terminal blocks where aging resistance matters more than current rating.

High Quality | Resistant | Multicolor | Safe

With insulated sheathed tube terminal

Complete models to meet your shopping needs



With insulation sheath fork terminal

Safe and secure crimping (for flexible cords)
Current: 19A-48A
Bolt diameter: 3.2~10.5mm

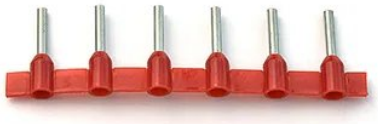


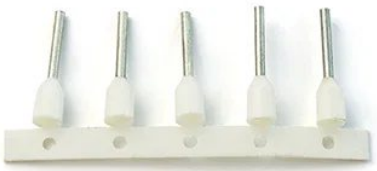
With insulating sheath round terminal

Flame retardant tin plating, good electrical conductivity

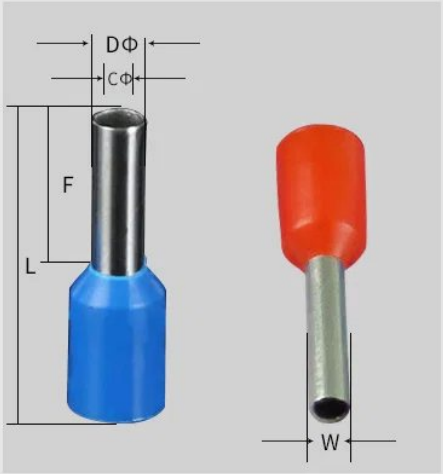
Maximum current: 19A-48A
Bolt diameter: 3.2~10.5mm





Product parameters



Material: copper

Sheath: Nylon/PVC

Temperature: 105°C/75°C

Surface Treatment: Tin Plating

Product features:
Aging resistance, high temperature resistance, firm wiring and safer

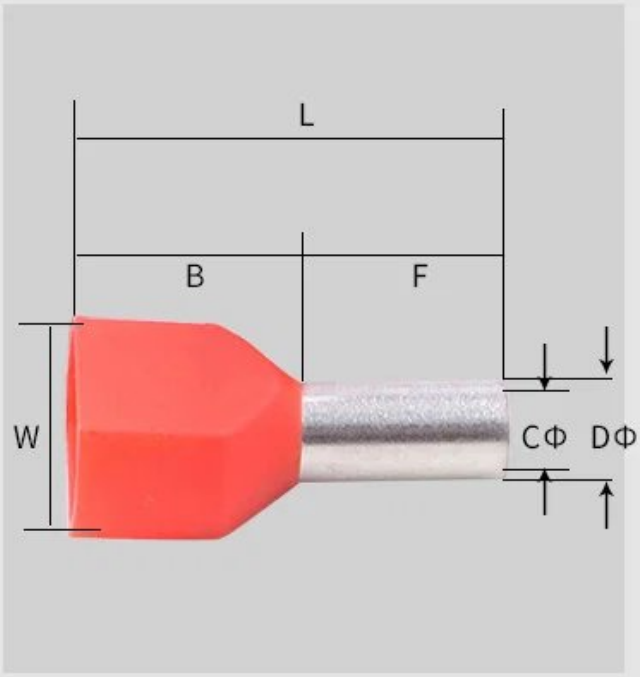
Nylon/PVC Insulated Sheathed Sleeve Terminals

Add P after the model number to indicate that the insulating sheath is made of PVC

Item NO	size					Conductor cross section	
	F	L	W	DΦ	CΦ	A.W.G	mm²
EVN0306	6.0	9.8	1.9	1.1	0.8	#24	0.3
EVN0308	8.0	11.8					
EVN0310	10.0	13.8					
EVN0506	6.0	12.0	2.6	1.3	1.0	#22	0.5
EVN0508	8.0	14.0					
EVN0510	10.0	16.0					
EVN0512	12.0	18.0					
EVN7506	6.0	12.4	2.8	1.6	1.3	#20	0.75
EVN7508	8.0	14.4					
EVN7510	10.0	16.4					
EVN7512	12.0	18.4					
EVN1006	6.0	12.6	3.3	1.8	1.5	#18	1.0
EVN1008	8.0	14.6					
EVN1010	10.0	16.6					
EVN1012	12.0	18.6					
EVN1508	8.0	14.8	3.7	2.0	1.7	#16	1.5
EVN1510	10.0	16.8					
EVN1512	12.0	18.8					
EVN1518	18.0	24.8					
EVN2508	8.0	15.0	4.3	2.6	2.3	#14	2.5
EVN2510	10.0	17.0					
EVN2512	12.0	19.0					
EVN2518	18.0	25.0					
EVN4009	9.0	17.0	4.9	3.2	2.8	#12	4.0
EVN4012	12.0	20.0					
EVN4018	18.0	26.0					

Nylon Insulated Sheathed Sleeve Terminals

Item NO	size					Conductor cross section	
	F	L	W	DΦ	CΦ	A.W.G	mm²
EVN6010	10.0	19.5	6.0	3.9	3.5	#10	6.0
EVN6012	12.0	21.5					
EVN6018	180	27.5					
EVN10-12	120	23.2	7.8	4.9	4.5	#7	10.0
EVN10-18	18.0	29.2					
EVN16-12	12 0	23.0	9.0	6.2	5.8	#5	16.0
EVN16- 18	18.0	29.0					



Material: copper

Sheath: Nylon/PVC

Temperature: 105°C/75°C

Surface Treatment: Tin Plating

Product features:

Aging resistance, high temperature resistance, firm wiring and safer

Nylon Insulated Sheath Double Wire Barrel Terminals

Item NO	Conductor cross section	size					
	mm^2	F	L	W	B	DΦ	CΦ
TEVN0508	2x0.5	6.0	9.8	5.0	7.0	1.8	1.5
TEVN7508	2x0.75	8.0	11.8	5.5	7.3	2.1	1.8
TEVN7510	2x0.75	10.0	13.8	5.5	7.3	2.1	1.8
TEVN1008	2x1.0	6.0	12.0	5.5	7.3	2.3	2.0
TEVN1010	2x1.0	8.0	14.0	5.5	7.3	2.3	2.0
TEVN1508	2x1.5	10.0	16.0	6.4	8.0	2.6	2.3
TEVN1512	2x1.5	12 0	18.0	6.4	8.0	2.6	2.3
TEVN2508	2x2.5	6.0	12.4	8.0	9.3	3.3	2.9
TEVN2510	2x2.5	8.0	14.4	8.0	9.3	3.3	2.9
TEVN2512	2x2.5	10.0	16.4	8.0	9.3	3.3	2.9
TEVN4012	2x4.0	12.0	18.4	8.8	10.5	4.2	3.8
TEVN6014	2x6.0	6.0	12.6	9.5	10.5	5.3	4.9
TEVN10-14	2x10.0	8.0	14.6	12.6	12.3	6.9	6.5
TEVN16-14	2x16.0	10.0	16.6	19.0	17.5	8.7	8.3

Product details




PVC or Nylon
insulating sheath
Selected high-quality materials are anti-breakage Stressful, safe


Tin plating to resist oxidation
Prevent oxidation of copper terminals
Extended rust protection period
Increase solderability


PVC or Nylon
Multi-color optional
Multi-color optional, bright color, repair both inside and outside