

# ENTRELEC

Electrical Solutions



## PVC INSULATED TERMINALS & SPLICES

### Crimp Technology

Connection capacity: from 0.26 mm<sup>2</sup> to 6 mm<sup>2</sup> - 22 to 10 AWG



The PVC pre-insulated solderless Terminals and Splices are designed to answer all standard applications. The quality, performance, and ease of installation make them ideal for many industrial and commercial installations. Carefully engineered application tooling has been designed in conjunction with the terminal to promote ease and speed of application. The wire and wire barrel together form a connection of high conductivity and tensile strength, while the tin plating provides good resistance to corrosion.



#### Sustainable connection

- Crimping in the crimp barrel provide maximum contact and pulling strength after crimping
- High conductivity copper body
- Tin plating provide good resistance to corrosion.



#### Easy to install

- Easy installation with TE tooling and crimp-performance guaranteed
- Red, Blue and Yellow color coding to ease the product selection in the workshop and the crimp cavity identification on TE tooling
- Funneled wire entry on terminal prevents turned back wire strands and permits rapid wire insertion during high speed production
- PVC Insulation sleeve provides good dielectric strength and supports the wire insulation so that no bare wire is exposed.



#### For all your needs

- Compatible with all standard applications: (Panel boxes, Motors, Switchgear, Power supplies, Instruments/controls, Lighting, Transportation, HVAC, Maintenance,...)
- UL & CSA Approved when applied with corresponding approved tooling
- 600 V Operating Voltage
- 105°C Max Operating Temperature.



# PVC Insulated Terminals & Splices

Color	Wire size		Stud size		Type	Part Number	Width (W)		Length (L)		Wire Ins Dia.		Packing	
	AWG	mm <sup>2</sup>	in	mm			in	mm	in	mm	in	mm	Bag	Shipping Box



## Ring Tongue Terminals

Red	22-16	0.26 - 1.5	2	M2	RT015-020-V	1SET121001R0000	0.218	5.54	0.684	17.37	0.140	3.56	100	3000			
			5	M3	RT015-030-V	1SET121002R0000	0.281	7.14	0.809	20.55	0.140	3.56	100	3000			
			6	M3.5	RT015-035-V	1SET121003R0000	0.281	7.14	0.809	20.55	0.140	3.56	100	3000			
			8	M4	RT015-040-V	1SET121004R0000	0.312	7.92	0.856	21.74	0.140	3.56	100	3000			
			10	M5	RT015-050-V	1SET121005R0000	0.315	8.00	0.858	21.80	0.140	3.56	100	3000			
			1/4	M6	RT015-060-V	1SET121006R0000	0.469	11.91	1.090	27.69	0.140	3.56	100	3000			
			5/16	M8	RT015-080-V	1SET121007R0000	0.469	11.91	1.090	27.69	0.140	3.56	100	3000			
			3/8	M10	RT015-100-V	1SET121008R0000	0.531	13.49	1.230	31.24	0.140	3.56	100	3000			
			Blue	16-14	1.5 - 2.5	6	M3.5	RT025-035-V	1SET121009R0000	0.250	6.35	0.715	18.16	0.170	4.32	100	3000
						8	M4	RT025-040-V	1SET121010R0000	0.343	8.71	0.871	22.12	0.170	4.32	100	3000
10	M5	RT025-050-V				1SET121011R0000	0.343	8.71	0.871	22.12	0.170	4.32	100	3000			
1/4	M6	RT025-060-V				1SET121012R0000	0.469	11.91	1.090	27.69	0.170	4.32	100	3000			
5/16	M8	RT025-080-V				1SET121013R0000	0.469	11.91	1.090	27.69	0.170	4.32	100	3000			
3/8	M10	RT025-100-V				1SET121014R0000	0.657	16.70	1.244	31.60	0.193	4.90	100	1000			
Yellow	12-10	4 - 6	6	M3.5	RT060-035-V	1SET121015R0000	0.281	7.14	0.953	24.21	0.250	6.35	100	3000			
			8	M4	RT060-040-V	1SET121016R0000	0.375	9.53	1.098	27.89	0.250	6.35	100	3000			
			10	M5	RT060-050-V	1SET121017R0000	0.374	9.50	1.098	27.90	0.252	6.40	100	3000			
			1/4	M6	RT060-060-V	1SET121018R0000	0.531	13.49	1.327	33.71	0.250	6.35	100	1000			
			5/16	M8	RT060-080-V	1SET121019R0000	0.531	13.49	1.327	33.71	0.250	6.35	100	1000			
			3/8	M10	RT060-100-V	1SET121020R0000	0.594	15.09	1.433	36.40	0.248	6.30	100	1000			
			1/2	M12	RT060-120-V	1SET121021R0000	0.750	19.05	1.594	40.49	0.250	6.35	100	1000			



## Multiple Studsize Ring Tongue

Red	22-16	0.26 - 1.5	6 - 10	M3.5 - M5	RTM015-050-V	1SET122001R0000	0.325	8.26	0.969	24.61	0.125	3.18	100	3000
Blue	16-14	1.5 - 2.5	6 - 10	M3.5 - M5	RTM025-050-V	1SET122002R0000	0.325	8.26	0.969	24.61	0.145	3.68	100	3000



## Standard Spade

Red	22-16	0.26 - 1.5	4	M2.5	SD015-025-V	1SET131001R0000	0.218	5.54	0.784	19.91	0.160	4.06	100	3000
			6	M3.5	SD015-035-V	1SET131002R0000	0.250	6.35	0.858	21.79	0.140	3.56	100	3000
			8	M4	SD015-040-V	1SET131003R0000	0.375	9.53	0.920	23.37	0.140	3.56	100	3000
			10	M5	SD015-050-V	1SET131004R0000	0.375	9.53	0.920	23.37	0.140	3.56	100	3000
Blue	16-14	1.5 - 2.5	6	M3.5	SD025-035-V	1SET131005R0000	0.385	9.78	0.920	23.37	0.170	4.32	100	3000
			8	M4	SD025-040-V	1SET131006R0000	0.385	9.78	0.920	23.37	0.170	4.32	100	3000
			10	M5	SD025-050-V	1SET131007R0000	0.385	9.78	0.933	23.70	0.193	4.90	100	3000
Yellow	12-10	4 - 6	8	M4.5	SD060-045-V	1SET131008R0000	0.315	8.00	1.238	31.45	0.252	6.40	100	3000
			10	M5	SD060-050-V	1SET131009R0000	0.406	10.31	1.095	27.81	0.230	5.84	100	3000
			1/4	M6	SD060-060-V	1SET131010R0000	0.530	13.46	1.307	33.19	0.252	6.40	100	1000



## Flanged Spade

Red	22-16	0.26 - 1.5	6	M3.5	SDF015-035-V	1SET132001R0000	0.296	7.52	0.749	19.02	0.140	3.56	100	3000
			8	M4	SDF015-040-V	1SET132002R0000	0.416	10.57	0.842	21.39	0.140	3.56	100	3000
			10	M5	SDF015-050-V	1SET132003R0000	0.296	7.52	0.749	19.02	0.140	3.56	100	3000
Blue	16-14	1.5 - 2.5	6	M3.5	SDF025-035-V	1SET132004R0000	0.294	7.47	0.749	19.02	0.170	4.32	100	3000
			8	M4	SDF025-040-V	1SET132005R0000	0.284	7.21	0.749	19.02	0.170	4.32	100	3000
			10	M5	SDF025-050-V	1SET132006R0000	0.294	7.47	0.749	19.02	0.173	4.39	100	3000
Yellow	12-10	4 - 6	6	M3.5	SDF060-035-V	1SET132007R0000	0.296	7.52	1.017	25.83	0.230	5.84	100	3000
			8	M4	SDF060-040-V	1SET132008R0000	0.416	10.57	1.017	25.83	0.230	5.84	100	3000
			10	M5	SDF060-050-V	1SET132009R0000	0.416	10.57	1.017	25.83	0.250	6.35	100	3000



# PVC Insulated Terminals & Splices

Color	Wire size		Stud size		Type	Part Number	Width (W)		Length (L)		Wire Ins Dia.		Packing	
	AWG	mm <sup>2</sup>	in	mm			in	mm	in	mm	in	mm	Bag	Shipping Box



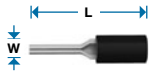
## Short Spring Spade

Red	22-16	0.26 - 1.5	4	M2.5	SDS015-025-V	1SET133001R0000	0.203	5.16	0.811	20.60	0.140	3.56	100	3000
			5	M3	SDS015-030-V	1SET133002R0000	0.250	6.35	0.811	20.60	0.140	3.56	100	3000
			6	M3.5	SDS015-035-V	1SET133003R0000	0.250	6.35	0.811	20.60	0.140	3.56	100	3000
			8	M4	SDS015-040-V	1SET133004R0000	0.244	6.20	0.872	22.15	0.140	3.56	100	3000
			10	M5	SDS015-050-V	1SET133005R0000	0.294	7.47	0.920	23.37	0.140	3.56	100	3000
Blue	16-14	1.5 - 2.5	6	M3.5	SDS025-035-V	1SET133006R0000	0.250	6.35	0.811	20.60	0.170	4.32	100	3000
			8	M4	SDS025-040-V	1SET133007R0000	0.244	6.20	0.872	22.15	0.170	4.32	100	3000
			10	M5	SDS025-050-V	1SET133008R0000	0.406	10.31	0.920	23.37	0.170	4.32	100	3000
Yellow	12-10	4 - 6	6	M3.5	SDS060-035-V	1SET133009R0000	0.250	6.35	0.959	24.36	0.200	5.08	100	3000
			8	M4	SDS060-040-V	1SET133010R0000	0.312	7.92	1.052	26.72	0.250	6.35	100	3000
			10	M5	SDS060-050-V	1SET133011R0000	0.406	10.31	1.100	27.94	0.250	6.35	100	3000

## Long Spring Spade

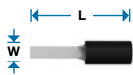
Red	22-16	0.26 - 1.5	6	M3.5	SDL015-035-V	1SET134001R0000	0.250	6.35	0.945	24.00	0.140	3.56	100	3000
			8	M4	SDL015-040-V	1SET134002R0000	0.281	7.14	0.991	25.17	0.140	3.56	100	3000
			10	M5	SDL015-050-V	1SET134003R0000	0.343	8.71	1.017	25.83	0.140	3.56	100	3000
Blue	16-14	1.5 - 2.5	6	M3.5	SDL025-035-V	1SET134004R0000	0.250	6.35	0.945	24.00	0.170	4.32	100	3000
			8	M4	SDL025-040-V	1SET134005R0000	0.281	7.14	0.991	25.17	0.170	4.32	100	3000
			10	M5	SDL025-050-V	1SET134006R0000	0.343	8.71	1.017	25.83	0.170	4.32	100	3000
Yellow	12-10	4 - 6	8	M4	SDL060-040-V	1SET134007R0000	0.375	9.53	1.174	29.82	0.200	5.08	100	3000
			10	M5	SDL060-050-V	1SET134008R0000	0.375	9.53	1.219	30.96	0.200	5.08	100	3000

Color	Wire size		Pin length		Type	Part Number	Width (W)		Length (L)		Wire Ins Dia.		Packing	
	AWG	mm <sup>2</sup>	in	mm			in	mm	in	mm	in	mm	Bag	Shipping Box



## Wire Pins (formed)

Red	22-16	0.26 - 1.5	264	6.71	WP015-V-R1	1SET151001R0000	0.071	1.80	0.807	20.50	0.146	3.71	100	3000
			390	9.91	WP015-V	1SET151002R0000	0.071	1.80	0.937	23.80	0.146	3.71	100	3000
Blue	16-14	1.5 - 2.5	264	6.71	WP025-V-R1	1SET151003R0000	0.071	1.80	0.815	20.70	0.193	4.90	100	3000
			390	9.91	WP025-V	1SET151004R0000	0.071	1.80	0.933	23.70	0.193	4.90	100	3000
Yellow	12-10	4 - 6	390	9.91	WP060-V	1SET151005R0000	0.102	2.60	1.150	29.21	0.252	6.40	100	3000



## Wire Pins (flat)

Red	22-16	0.26 - 1.5	319	8.10	WPF015-V	1SET152001R0000	0.116	2.95	0.906	23.00	0.142	3.60	100	3000
Blue	16-14	1.5 - 2.5	319	8.10	WPF025-V	1SET152002R0000	0.116	2.95	0.906	23.00	0.193	4.90	100	3000
Yellow	12-10	4 - 6	331	8.40	WPF060-V	1SET152003R0000	0.165	4.20	1.157	29.40	0.252	6.40	100	3000



## Butt Splices

Red	22-16	0.26 - 1.5			SP015	1SET141002R0000			1.076	27.33	0.140	3.56	100	3000
Blue	16-14	1.5 - 2.5			SP025	1SET141003R0000			1.065	27.05	0.170	4.32	100	3000
Yellow	12-10	4 - 6			SP060	1SET141004R0000			1.160	29.46	0.250	6.35	100	3000

# Manuel Hand Tooling

Commercial Tool

## CRIMP-HT

Part Nbr.: 1SET191001R0000



- Ratchet control provides complete crimping cycle
- Emergency ratchet release
- Angled head provides a comfortable hand and wrist position
- Interchangeable die sets to crimp many different types of connectors
- Accommodates multiple terminal sizes in one die set
- Precision construction of durable high-carbon steel
- Extra strength pivot pins provide greater robustness
- Produced under a quality management system certified to ISO 9001
- **Not certified for UL and CSA Applications.**

Premium Tool

## TET CRIMP-HT

Part Nbr.: 1SET191002R0000



- Designed to stringent specifications
- Ratchet control provides complete crimping cycle
- **For UL (stranded wire only) and CSA applications**
- Manufactured using the highest quality materials
- Multiple color-coded crimping cavities
- Repairable
- Calibrated; recalibration recommended every 6 months or 5,000 cycles
- Produced under a quality management system certified to ISO 9001.

For further details on TE tooling options (manual, pneumatic, electric or with battery), please visit our website or contact our technical support.

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### TE Connectivity

3, rue Jean Perrin  
69687 Chassieu cedex  
France

Tel: +33 481923100

[www.te.com/](http://www.te.com/)