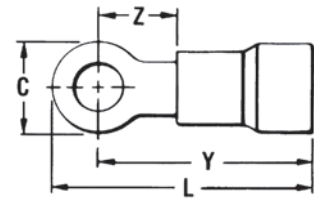


TYPES TN AND YAES

INSULUG™

Terminal - Nylon Insulated,
Ring Tongue
600 Volts Max., 105° C Max.



B-9

INSULUG™ type TN Nylon-insulated terminals are designed for heavy duty industrial, utility and military power and control-circuit applications for wire sizes 26 AWG through 10 AWG. They offer high dielectric strength and stability in oily conditions and meet military CLASS 1 and CLASS 2 requirements per SAE-AS25036 and the requirements of military specifications SAE-AS7928.



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Features & Benefits

- An integral one-piece copper barrel / insulation grip and wire strain relief design
 - ◊ Provides improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper
 - ◊ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam
 - ◊ Provides a stronger barrel design to minimize any possible splitting and eliminates folding
- Deep inner barrel serrations
 - ◊ Provides excellent electrical conductivity and pullout strength values

- Smooth funnel entry
 - ◊ Easy wire insertion
- The insulation is locked in place
 - ◊ Will not twist off, thereby maintains proper dielectric values
- Electro-tin plated
 - ◊ Provides durable long-lasting resistance to corrosion
- Color-coded and clearly marked
 - ◊ Provides quick, easy wire size identification
- Ring Tongue
 - ◊ Provides a secure termination under the screw head that can not be removed without complete removal of the screw
- Two or more terminals may be stacked on a common stud easily
 - ◊ Provides flexibility and versatility

Catalog Number	Wire Range (AWG/kcmil)	Stud Size	SAE-25036	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.			
TN18-4	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3 - #4	-148	0.23	0.76	0.64	0.20	YAES18N48	Ratchet: MR8-83 MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN18-6		#4 - #6	-101	0.25	0.76	0.64	0.20	YAES18N1		
TN18-6G1*		#4 - #6	-102	0.25	0.87	0.74	0.49	YAES18N2		
TN18-8		#6 - #8	-149	0.31	0.91	0.76	0.29	YAES18N49		
TN18-10		#8 - #10	-103	0.31	0.91	0.76	0.29	YAES18N3		
TN18-14		#12-1/4	-150	0.46	1.09	0.87	0.41	YAES18N50		
TN18-516		5/16	-104	0.46	1.09	0.87	0.41	YAES18N4		
TN18-38		3/8	-105	0.53	1.17	0.91	0.45	YAES18N5		
TN14-4	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	#3 - #4	-152	0.25	0.79	0.67	0.24	YAES14N52	Ratchet: MR8-83 MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN14-6		#4 - #6	-106	0.25	0.79	0.67	0.24	YAES14N6		
TN14-6G1*		#4 - #6	-107	0.30	0.91	0.76	0.51	YAES14N7		
TN14-8		#6 - #8	-153	0.31	0.89	0.74	0.31	YAES14N53		
TN14-10		#8 - #10	-108	0.31	0.89	0.74	0.31	YAES14N8		
TN14-14		#12-1/4	-154	0.45	1.08	0.86	0.43	YAES14N54		
TN14-516		5/16	-109	0.45	1.08	0.86	0.43	YAES14N9		
TN14-38		3/8	-110	0.53	1.16	0.90	0.47	YAES14N10		
TN10-6	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	#4 - #6	-111	0.37	1.12	0.94	0.26	YAES10N11	Ratchet: MR8-83 MRE1022NV Non-Ratchet: Y10D, Y1022	11/32
TN10-8		#6 - #8	-156	0.37	1.12	0.94	0.26	YAES10N56		
TN10-10		#8 - #10	-112	0.37	1.12	0.94	0.26	YAES10N12		
TN10-14		#12-1/4	-157	0.53	1.32	1.06	0.37	YAES10N57		
TN10-516		5/16	-113	0.53	1.32	1.06	0.37	YAES10N13		
TN10-38		3/8	-114	0.58	1.34	1.05	0.40	YAES10N14		
TN10-12*		1/2	—	0.69	1.51	1.18	0.61	YAES10N58		

* Not UL Listed or CSA Certified.

TYPES TN-F AND YAES-F

INSULUG™

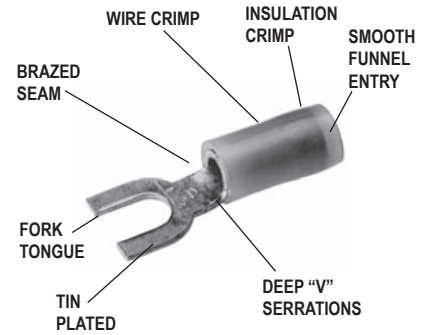
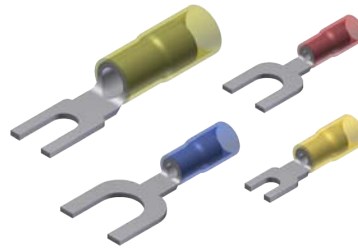
Terminal - Nylon Insulated,
Fork Tongue

600 Volts Max., 105° C Max.

The type TN-F, nylon insulated fork tongue terminal has the same high quality as the TN. It is designed to meet the heavy-duty requirements of industrial and utility applications.

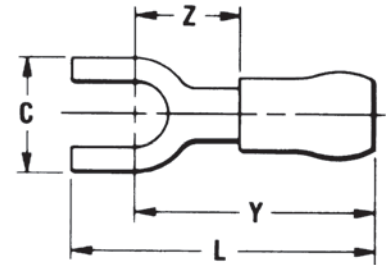
Used on both power and control circuits for wire sizes #26 AWG through #10 AWG. The TN-F provides high dielectric strength and stability in oily conditions.

The TN-F is identical to the TN with the addition of a fork tongue which allows installation without complete removal of its supporting screw.



Features & Benefits

- Fork tongue
 - ◇ Provides faster and easier installation by permitting insertion under the screw head without completely removing it.



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
TN20-2F*	26-20 Max. Insul. Dia. Accom.: 0.10 Color Code: Amber	#1 -#2	0.18	0.76	0.65	0.24	—	M8ND with N14HET-25V1 Die Set	3/16"
TN20-6F*		#4 -#6	0.28	0.80	0.70	0.28	—		
TN184F*	22-18 Max. Insul. Dia. Accom.: 0.12 Color Code: Red	#3 -#4	0.23	0.75	0.65	0.24	—	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	7/32"
TN18-6F		#4 - #6	0.28	0.79	0.65	0.24	YAES18N1F		
TN18-8F		#6 -#8	0.31	0.84	0.67	0.26	YAES18N49F		
TN18-10F		#8 -#10	0.37	0.84	0.68	0.27	YAES18N3F		
TN18-14F		1/4	0.47	1.03	0.79	0.38	YAES18N50F		
TN14-6F	16-14 Max. Insul. Dia. Accom.: 0.15 Color Code: Blue	#4 - #6	0.28	0.79	0.65	0.24	YAES14N6F	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	7/32"
TN14-8F		#6 -#8	0.31	0.84	0.67	0.26	YAES14N53F		
TN14-10F		#8 -#10	0.37	0.84	0.68	0.27	YAES14N8F		
TN14-14F		1/4	0.47	1.03	0.79	0.38	YAES14N54F		
TN10-6F	12-10 Max. Insul. Dia. Accom.: 0.21 Color Code: Yellow	#4 -#6	0.28	0.96	0.82	0.24	YAES10N11F	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	11/32"
TN10-8F		#6 -#8	0.31	1.01	0.84	0.26	YAES10N56F		
TN10-10F		#8 -#10	0.41	1.09	0.89	0.31	YAES10N12F		
TN10-14F		1/4	0.50	1.21	0.96	0.38	YAES10N57F		

* Not UL Listed or CSA Certified.

** Or other tool conforming to military specification AS25036 or AS90413