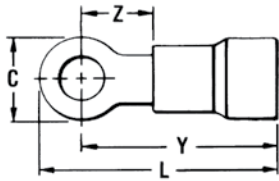


TYPES TN AND YAES

INSULUG™



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.

600 Volts Max., 105° C Max

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.

Features & Benefits

- Integral one-piece copper barrel / insulation grip and wire strain relief design for improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper for maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam provides a stronger barrel design, minimizes any possible splitting and eliminated folding
- Deep inner barrel serrations and smooth funnel entry for excellent conductivity and pullout strength values along with easy wire insertion
- Insulation is locked in place, will not twist off, maintaining proper dielectric values
- Electro-tin plated for durable, long lasting resistance to corrosion
- Color-coded and clearly marked for quick, easy wire size identification
- Ring tongue provides a secure termination under the screw head that cannot be removed without complete removal of the screw, allowing two or more terminals to be stacked on a common stud

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.			
TN184	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3 - #4	-148	0.23	0.76	0.64	0.20	YAES18N48	Ratchet: MR883♦ MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN186		#4 - #6	-101	0.25	0.76	0.64	0.20	YAES18N1		
TN186G1*		#4 - #6	-102	0.25	0.87	0.74	0.49	YAES18N2		
TN188		#6 - #8	-149	0.31	0.91	0.76	0.29	YAES18N49		
TN1810		#8 - #10	-103	0.31	0.91	0.76	0.29	YAES18N3		
TN1814		#12-1/4	-150	0.46	1.09	0.87	0.41	YAES18N50		
TN18516		5/16	-104	0.46	1.09	0.87	0.41	YAES18N4		
TN1838		3/8	-105	0.53	1.17	0.91	0.45	YAES18N5		
TN144	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	#3 - #4	-152	0.25	0.79	0.67	0.24	YAES14N52	Ratchet: MR883♦ MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN146		#4 - #6	-106	0.25	0.79	0.67	0.24	YAES14N6		
TN146G1*		#4 - #6	-107	0.30	0.91	0.76	0.51	YAES14N7		
TN148		#6 - #8	-153	0.31	0.89	0.74	0.31	YAES14N53		
TN1410		#8 - #10	-108	0.31	0.89	0.74	0.31	YAES14N8		
TN1414		#12-1/4	-154	0.45	1.08	0.86	0.43	YAES14N54		
TN14516		5/16	-109	0.45	1.08	0.86	0.43	YAES14N9		
TN1438		3/8	-110	0.53	1.16	0.90	0.47	YAES14N10		
TN106	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	#4 - #6	-111	0.37	1.12	0.94	0.26	YAES10N11	Ratchet: MR883♦ MRE1022NV Non-Ratchet: Y10D, Y1022	11/32
TN108		#6 - #8	-156	0.37	1.12	0.94	0.26	YAES10N56		
TN1010		#8 - #10	-112	0.37	1.12	0.94	0.26	YAES10N12		
TN1014		#12-1/4	-157	0.53	1.32	1.06	0.37	YAES10N57		
TN10516		5/16	-113	0.53	1.32	1.06	0.37	YAES10N13		
TN1038		3/8	-114	0.58	1.34	1.05	0.40	YAES10N14		
TN1012*		1/2	-158	0.69	1.51	1.18	0.61	YAES10N58		

* Not UL Listed or CSA Certified.

♦QPL Class II when installed with MR833 ratchet tool.