

TYPES AYP, AYPO

HYPLUG™

FOR ALUMINUM AND COPPER CONDUCTOR

UL Listed 90° C,
600 Volts to 35 kV◆



AL9CU

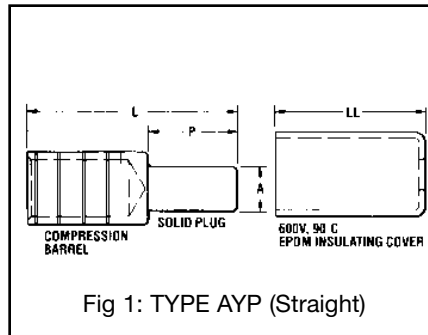


Fig 1: TYPE AYP (Straight)

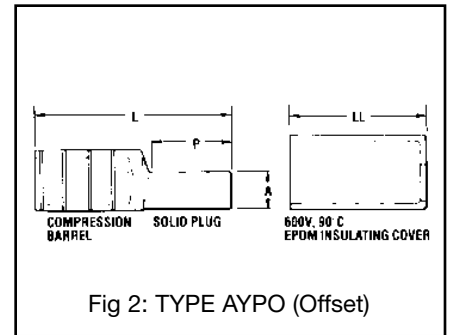


Fig 2: TYPE AYPO (Offset)

C-119

Catalog Number	Copper & Aluminum Conductor	Fig. No.	Dimensions				Installation Tooling ▲						Wire Strip Length
			A ▼ Plug Dia.	P Plug Length	L HYPLUG Length	LL Cover Length	HYTOOLS			Y35, Y39, Y750, Y46*		▲ Die Index & Embossment	
							Dieless Tools (# of crimps)	+ OH25	+ MD6	Die Number (# of crimps)	Color Code		
AYP6	#6 str	1	.23	.68	1.85	1.78	MY29-3 (2) **	1 crimp	W241	U25ART (1)	Tan	296	1-1/16"
AYP4	#4 str	1	.23	.68	1.85	1.78	Y644HS (1)						
AYP2	#2 str	1	.23	.68	1.85	1.78	Y81KFT (1)						
AYP1	#1 str	1	.26	.84	2.01	1.78	Y81KFTMBH (1)						
AYP1/0	1/0 str	1	.29	.84	2.01	1.78	PAT81KFT-18V (1)						
AYP02/0	2/0 str	2	.33	1.09	2.70	2.44	MY29-3 (2) **	—	—	U28ART (2)	White	298	1-1/8"
AYP03/0	3/0 str	2	.37	1.22	2.80	2.44	Y644HS (1)						
AYP04/0	4/0 str	2	.42	1.22	2.80	2.44	Y81KFT (2)						
AYP250	250 kcmil	1	.47	1.22	2.63	2.54	Y81KFTMBH (2)						
AYP0250	250 kcmil	2	.47	1.22	2.98	2.88	PAT81KFT-18V (2)						
AYP0300	300 kcmil	2	.53	1.34	3.08	2.88	Hydraulic: Y644HS (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)						
AYP350	350 kcmil	1	.57	1.34	2.75	2.54							
AYP0350	350 kcmil	2	.57	1.34	3.08	2.88							
AYP0400	400 kcmil	2	.63	1.60	3.43	3.16							
AYP500	500 kcmil	1	.68	1.60	3.08	2.81							
AYP0500	500 kcmil	2	.68	1.60	3.43	3.16	U34ART (2)			Pink	300	1-1/8"	
AYP0600	600 kcmil	2	.73	1.64	4.02	4.06							
AYP750	700/750 kcmil 900 Compact AL†	1	.81	1.76	3.79	3.66		Y644HS (1) Y81KFT (3) Y81KFTMBH (3)	—				—
AYP0750	700/750 kcmil 900 Compact AL†	2	.81	1.76	4.16	4.06	PAT81KFT-18V (3)						

Scratch brush aluminum conductor before installation.
▲ See tooling section of this catalog for complete tool and die listings.

** For MY29-3 use aluminum index plate at 1/0 setting for sizes #6 through 1/0 or at 4/0 setting for sizes 2/0 through 4/0.

+ Not UL Listed.

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.
□ Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).
† Tested with Y644HS and PAT644 dieless tools only and not UL Listed with any tool on 900 Compact AL.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

▼ For copper equivalent wire size see page O-11 (Aluminum 1350 Cable).

Y644HS DIELESS HYPRESS™ RANGE-TAKING CAPABILITIES

The following HYPLUG™ lugs and two way splices, when crimped with the Y644HS DIELESS HYPRESS™ tool, produce the following range- taking capabilities:

Aluminum Connectors					
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	1/0 AWG	1/0 - #1 AWG	250 kcmil	250 kcmil - 1/0 AWG
#4 AWG	#4 - #6 AWG	2/0 AWG	2/0 - #1 AWG	300 kcmil	300 kcmil - 2/0 AWG
#2 AWG	#2 - #6 AWG	3/0 AWG	3/0 - #1 AWG	350 kcmil	350 kcmil - 3/0 AWG
#1 AWG	#1 - #2 AWG	4/0 AWG	4/0 - #1 AWG	400 kcmil	400 kcmil - 4/0 AWG
				500 kcmil	500 kcmil - 4/0 AWG
				600 kcmil	600 - 250 kcmil
				750 kcmil	750 - 500 kcmil

Blue highlighted items are industry standard and most frequently ordered.