

URD UNDERGROUND RESIDENTIAL DISTRIBUTION

For over 70 years, BURNDY® has pioneered and produced economical, dependable connectors and protective devices for urban underground distribution systems. This extensive experience has been applied to the development of equipment for low cost underground distribution systems for light commercial and residential areas.














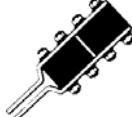




Increasing interest by home buyers and developers has created a need for URD components comparable in cost with those used in overhead systems.

Using connectors designed for other purposes, early URD installations were relatively expensive. Recognizing the need to reduce

installation costs BURNDY® developed a line of connectors specifically for URD.

These products are shown in this section. They are the result of a continuing search for new materials and more efficient production methods to bring down cost to meet the requirements of low cost underground construction.

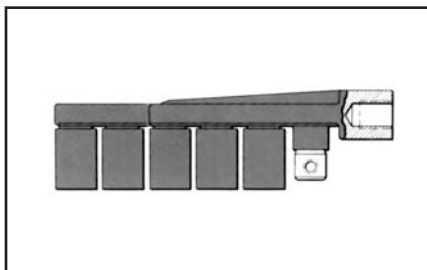
URD SECTION

	Type RDMD-28G	J-2		Type Y-LOK	J-5
	Type RDMD-2858D	J-2		Type YRB-U	J-6 - J-8
	Type RDMD-28 CR	J-2		Type YRB-T	J-9 - J-12
	Type RDM-28	J-2		Type K-P-C	J-13
	Type RDM-28T	J-3		Type YPC-C	J-13
	Types RYA-UC, RYA-AC, RYA-UCR, RYA-ACR Tap Kits ...	J-3		Types K6B & K33B	J-14
	Types RA6UC-SL, RA6UCR-SL Tap Kits	J-4		Type F-A	J-15
	Type YS-CG Insulated Splice Kit	J-5		Type K6A34U-6N	J-15
				Type K-P-UC	J-15
				Types BPD & BPD2	J-16

URD

STUD MOLE™ TYPE RDMD-28G

The RDMD-28G Stud MOLE™ is a submersible junction designed to accommodate a range of copper and aluminum conductors. The Stud MOLE™ is designed for use on transformers where a dead front secondary is required. It is insulated with molded EPT rubber. Mates with a 5/8"-11 copper stud. A jam nut is supplied with the MOLE™ to secure and lock it to the stud.



It is available with either four or six outlets. All outlets except one have factory installed removable sealing caps. Tap kits are ordered separately. REA listed.

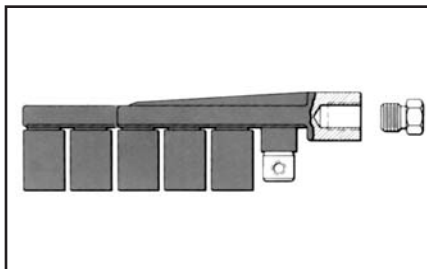
Also available without insulation and sealing caps.

CATALOG NUMBER	NO. OF OUTLETS	INSULATED
RDMD4-28G3	4	Yes
RDMD6-28G3	6	Yes

STUD MOLE™

TYPE RDMD-2858D

The RDMD-2858D Stud MOLE™ is identical to the insulated RDMD-28G except an adapter is supplied, allowing MOLE™ to be removed from transformer stud without disconnecting the individual services.



CATALOG NUMBER	NO. OF OUTLETS	INSULATED
RDMD4-2858D	4	Yes
RDMD6-2858D	6	Yes

RUBBER INSULATING BOOT

TYPE RDMD-28CR

The EPDM rubber force fit boot is designed to provide a completely dead-front and moisture tight installation when used with either the Type RDMD-28G3 or Type RDMD-2858D Stud MOLE™. Bushing end will seal any diameter from .875 to 1.125 inch.

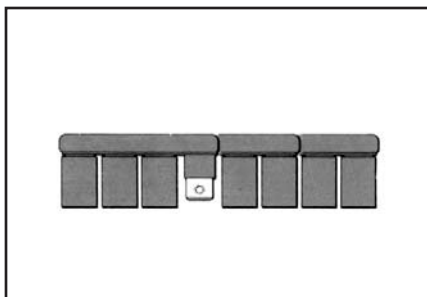


URD MOLE™

TYPE RDM-28

FOR ALUMINUM OR COPPER

Type RDM-28 MOLE™ is an economical, insulated, submersible service junction suitable for direct burial or for use in enclosures. Disconnectable joints allow additions of new services without disturbing previous installations. Taping is eliminated, heat-shrink or force-fit rubber sleeves insulate each joint. Rubber is used to insulate the MOLE™ body. Removable sealing covers are supplied on all



outlets but two. REA listed Tap Kits, including HYLUG™, hardware and sleeve are ordered separately.

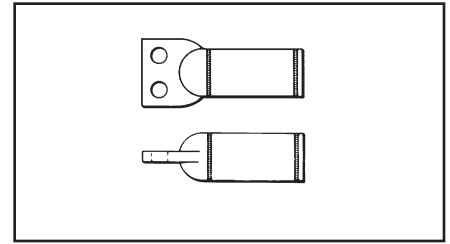
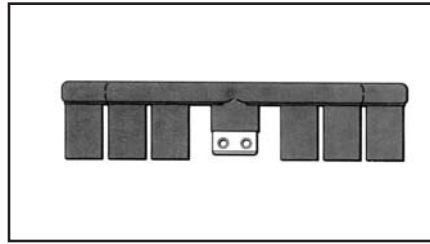
CATALOG NUMBER	NO. OF OUTLETS
RDM4-28	4
RDM6-28	6
RDM8-28	8

URD

MOLE™ TYPE RDM-28T

FOR ALUMINUM
AND COPPER

The RDM-28T MOLE™ is available with five or seven outlets. The single hole outlets are the same size as the RDM-28 series and accommodate the same RYA-UC or RYA-UCR tap kits. The larger two-hole outlet accommodates the 500 or 350 kcmil copper cable secondary supplied with many sub-surface transformers. These cables are extended to a junction point where secondary mains or services are connected. Tin-plated copper RYA-C-2 tap kits are used to join the 500 or 350 kcmil copper secondaries to the RDM-28T MOLE™.



CATALOG NUMBER	NO. OF OUTLETS	
	12 SOL. - 350	350 - 500
RDM5-28T	4	1
RDM7-28T	6	1

COPPER CONDUCTOR	CATALOG NUMBER		DIE INDEX	TOOLS, DIE SET, CATALOG NO. & (NO. OF CRIMPS)	
	HEAT SHRINK	FORCE FIT		Y34A	Y35* SERIES Y750, 739
350	RYA31C-2	RYA31CR-2	20	A34R (4)	U34RT (4)
500	RYA34C-2	RYA34CR-2			

* Y35 U-Dies with adapter PT6515 can also be used in Y45 series HYPRESSES™. Same number of crimps as Y35.

MOLE™ TAP KITS

TYPES RYA-UC, RYA-AC

FOR ALUMINUM OR COPPER
FOR USE WITH TYPE RDM-28
URD MOLE™

The kit consists of: Universal HYLUG™, mounting hardware and heat-shrink sleeve. The HYLUG™ is pre-filled with PENETROX™ joint compound and sealed. Installed with common installation tools, three die sets install a range of 4 str.- 350 kcmil. The heat-shrink sleeve is lined with a mastic material, providing a positive seal. Installed with standard propane torch, or 500°F electric heat gun. Acetylene heat is too intense and is not recommended.



TYPES RYA-UCR, RYA-ACR

The kit consists of: Universal HYLUG™, mounting hardware and pre-lubricated force-fit rubber sleeve. The HYLUG™ is pre-filled with PENETROX™ joint compound and sealed. Installed with common installation tools, three die sets install a range of 4 str.- 350MCM. The rubber sleeve has internal sealing rings that provide a positive moisture seal by exerting circumferential force on cable and MOLE™ insulation. Pre-lubricating sleeve makes installation easier. REA listed. **No trimming required.**

CONDUCTOR	CATALOG NUMBER			EEI DIE INDEX	DIE INDEX	TOOLS, DIE SET CATALOG NO., & (NUMBER OF CRIMPS)			
	HEAT SHRINK		FORCE FIT			MD6 SERIES	Y39, Y750 SERIES	OUR840	
	COMPLETE SET	SHRINK SLEEVE ONLY	COMPLETE SET						
2 Sol. - 4 Str.	2 Sol. - 4 Str.	RYA25	RYA4UC	RYA4UCR	8A	BG or 5/8 - 1 or 243	W-BG (1) BG3 or W243	U-BG (1) UK58-IT (3) U243 (1)	XBG (3) XNBG (2)
2 Str. - 1/0 Sol.	2 Str. - 1/0 Sol.		RYA2UC	RYA2UCR					
1/0 Str.	2-1 Str. Comp.		RYA25UC	RYA25UCR					
	2 Sol. EC-O		RYA2WAC	RYA2WACR					
	1/0 Sol. EC-O		RYA75AC	RYA75ACR					
2/0 Str.	2/0 Str. Comp.	RYA31	RYA26UC	RYA26UCR	**	249 or 840	W249 (3) WK840 (5)	U249 (2)* UK840T (3)	X249 (6) X840 (5)
3/0 Str.	3/0 Str. Comp.		RYA27UC	RYA27UCR					
4/0 Str.	4/0 Str. Comp.		RYA28UC	RYA28UCR					
250 MCM	250 Comp.		RYA29UC	RYA29UCR					
—	300 - 350 Comp.	RYA31AC	RYA31ACR	13A	299 or 655 or 705		U31ART (2) U655 (3) U705 (2)		

* Overlap Crimps.
** Do not use EEI Die. (11A) to install 4/0 Sol. EC-O.
NOTE: Standard mounting hardware is 3/8" button head socket cap screw with captive conical washer. For HEX HEAD bolt with captive conical washer add "HEX" suffix.

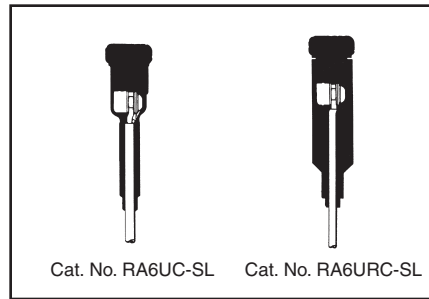
NOTE: Example: RYA4UCR-HEX. For HEX HEAD bolt and captive flat washer add suffix "HEX1". For HEX HEAD bolt and non-captive flat washer add suffix "HEX2". For HEX HEAD bolt and non-captive conical washer add suffix "HEX3". For Stainless Steel HEX HEAD bolt add "HEX355" suffix.

URD

URD STREET LIGHTING TAP KIT TYPES RA6UC-SL, RA6UCR-SL

FOR ALUMINUM OR COPPER

URD tap kit for making street lighting taps from URD MOLE™ types RDM-28 and RDM-28T. Each kit accommodates 6 str. - 12 sol. Kits include connector, mounting hardware and insulating sleeve.



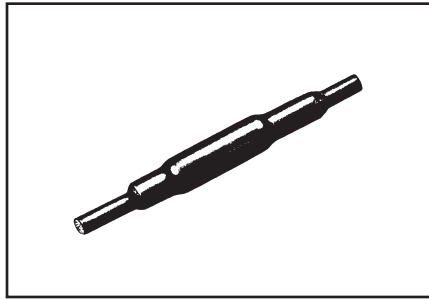
CONDUCTOR	CATALOG NUMBER	
	HEAT SHRINK	FORCE FIT
6 Str. - 12 Sol.	RA6UC-SL	RA6UCR-SL

URD

URD INSULATED SPLICE KIT

TYPE YS-CG

FOR ALL ALUMINUM
OR COPPER/ALUMINUM
COMBINATIONS



Type YS-CG URD insulated splice kit consists of a standard YSU or YSD LINKIT™ and a heat-shrink sleeve. Used to splice URD secondary lines up to 600 volts. It is installed with common installation tools. Heat-shrink sleeve is installed with standard propane torch, or 500° F electric heat gun. Acetylene is not recommended.

CONDUCTOR			CATALOG NUMBER			TOOLS, DIE SET CATALOG NO., & (NO. OF CRIMPS)		
BOTH SIDES			COMPLETE SPLICE KIT	HEAT SHRINK SLEEVE	DIE INDEX	MD6 SERIES	Y34A	Y35 SERIES
ALUMINUM	ACSR	COPPER*						
1-2 Str.	2 (6-1, 7-1)	1-2 Str.	YS2UCGI	RYAC25	BG 243	BG (3) W-BG (1)** W243 (2)	— A243 (1)	U-BG (1)** U243 (1)
1/0 Str. 1/0 Comp.	1/0 (6-1)	1/0 Str.	YS25UCGI					
2/0 Str. 2/0 Comp.	2/0 (6-1)	2/0 Str.	YS26UCGI	RYAC31-1	249/840	W249 (4) W-K840 (7)	A249 (2) —	U249 (2) U-K840T (4)
3/0 Str. 3/0 Comp.	3/0 (6-1)	3/0 Str.	YS27UCGI					
4/0 Str. 4/0 Comp.	4/0 (6-1)	4/0 Str.	YS28UCGI					
350 350 Comp.	—	350	YS31ACGI	RYAC31	299/705	—	—	U299 (2) U705 (1)

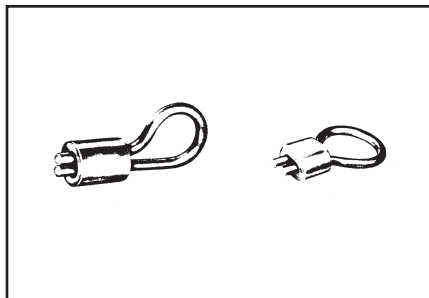
* Use to join copper to aluminum or ACSR, not copper to copper.

** Multiple crimp die set, makes more than one crimp per compression.

J-5

Y-LOK FOR LOCKING ENCLOSURES

Assembly consists of aluminum-clad steel wire loop and a compression type aluminum connector. Installed with BG groove of MD6 or OUR840 Compression Tools. Can also be installed with 5/8 or 5/8-1 grooves.



J1592

J1207

Compression Y-LOK installed with BG or 5/8 groove

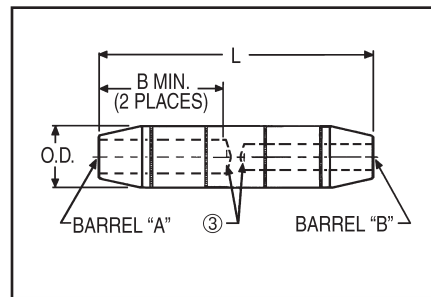
CATALOG NUMBER	INSTALLATION TOOLING			L	C	D
	D1D6, OUR840	Y35, Y750, Y46				
J1207	WBG	UBG		2.28	.75	1.00
J1592	XBG			2.31	.75	.75

TYPE YRB-U

HYREDUCER™ SPLICE

FOR ALUMINUM-TO-ALUMINUM AND ALUMINUM-TO-COPPER

Type YRB-U splice is designed for use within underground systems. Aluminum splices are tin-plated and recommended for use on Aluminum-to-Aluminum and Aluminum-to-Copper cables. All splices have solid center stop for use with oil filled and non-oil filled cables. The Outside Diameter is held constant to minimize installation dies and connectors are prefilled with PENETROX™. Rated up to 35 kV.



CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS		O.D.	WIRE STRIP LENGTH		DIE NUMBER	COLOR CODE
	BARREL "A" CU & ALUM.	BARREL "B" CU & ALUM.	B MIN.	L		BARREL "A"	BARREL "B"		
YRB2U3TTN	#2 (.292 Dia.) 7 Str.	#3 (.260 Dia.) 7 Str.	1.35 [34]	3.25 [83]	.65 [17]	1-3/4"	1-3/4"	296	Tan
YRB1CU2TTN	#1 (.332 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.	#2 (.292 Dia.) 7 Str.							
YRB1CU1TTN	#1 (.332 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.	#1 (.332 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.							
YRB25U3TTN	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.	#3 (.260 Dia.) 7 Str.							
YRB25U2TTN	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.	#2 (.292 Dia.) 7 Str.							
YRB25U25TTN	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.							
YRB27U25TW	3/0 (.470 Dia.) 19 Str. or 3/0 CMPCT (.423 Dia.) 19 Str.	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.	1.53 [39]	3.69 [94]	.85 [22]	1-1/2"	1-1/2"	298	White
YRB28U3TW	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	#3 (.260 Dia.) 7 Str.							
YRB28U2TW	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	#2 (.292 Dia.) 7 Str. or #2 CMPCT (.268 Dia.) 7 Str.							
YRB28U1TW	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	#1 (.332 Dia.) 19 Str. or 1/0 CMPCT (.299 Dia.) 7 Str.							
YRB28U25TW	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.							
YRB28U26TW	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	2/0 (.419 Dia.) 19 Str. or 2/0 CMPCT (.376 Dia.) 19 Str.							
YRB28U28TW	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.	1.53 [39]	3.69 [94]	1.11 [28]	2-1/4"	2-1/4"	299	Brown
YRB31U25TW	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil CMPCT (.616 Dia.) 19 Str. AL; 37 Str. AL & CU	1/0 (.373 Dia.) 19 Str. or 1/0 CMPCT (.336 Dia.) 19 Str.							
YRB31U28TW	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil (.616 Dia.) 19 Str. AL; 37 Str. AL & CU	4/0 (.528 Dia.) 19 Str. or 250 kcmil CMPCT (.520 Dia.) 37 Str.							
YRB31U31TW	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil CMPCT (.616 Dia.) 19 Str. AL; 37 Str. AL & CU	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil CMPCT (.616 Dia.) 19 Str. AL; 37 Str. AL & CU							

J-6

1 Material: Aluminum.

2 Finish: Electro-tin plated.

③ Barrels are partially filled with PENETROX™ and sealed.

4 Scratch brushing of all conductors before making installation is recommended.

5 Not for use with Copper-to-Copper applications.

6 Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.

⑦ Catalog number PT6515 Adaptor is required to use "U" dies in Y45 series tools.

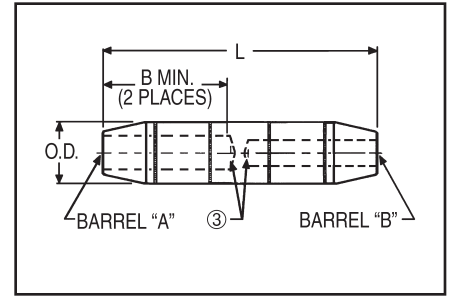
⑧ Catalog number PUADP-1 Adaptor is required to use "U" dies in Y46 series tools.

9 On MY29-3 HYTOOL™ use alum. Index plate settings as follows, for 1/0 conductor use 1/0 setting. For conductor smaller than 1/0 size use 2/0 setting.

TYPE YRB-U

HYREDUCER™ SPLICE (Continued)

FOR ALUMINUM-TO-ALUMINUM
AND ALUMINUM-TO-COPPER



CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS		O.D.	WIRE STRIP LENGTH		DIE NUMBER	COLOR CODE
	BARREL "A" CU & ALUM.	BARREL "B" CU & ALUM.	B MIN.	L		BARREL "A"	BARREL "B"		
YRB34U25TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU	1/0 (.373 Dia.) 19 Str.	2.70 [69]	6.00 [152]	1.31 [33]	1-1/8"	1-1/8"	300	Pink
YRB34U28TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.							
YRB34U29TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU	250 kcmil (.575 Dia.) 37 Str.							
YRB34U30TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU	300 kcmil (.630 Dia.) 37 Str.							
YRB34U31TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU	350 kcmil (.681 Dia.) 37 Str. 350 kcmil CMPCT (.616 Dia.) 19 Str. AL; 37 Str. AL & CU							
YRB34U34TW	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU							
YRB39U28TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.	4/0 (.528 Dia.) 19 Str. or 4/0 CMPCT (.475 Dia.) 19 Str.							
YRB39U30TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.	300 kcmil (.630 Dia.) 37 Str.							
YRB39U31TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil CMPCT (.616 Dia.) 19 Str. AL; 37 Str. AL & CU							
YRB39U34TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU							
YRB39U39TW	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.							
YRB44U31TW	1000 kcmil (1.152 Dia.) 61 Str.	350 kcmil (.681 Dia.) 37 Str. or 350 kcmil CMPCT (.616 Dia.) 19 Str. AL; 37 Str. AL & CU							
YRB44U34TW	1000 kcmil (1.152 Dia.) 61 Str.	500 kcmil (.813 Dia.) 37 Str. or 500 kcmil CMPCT (.736 Dia.) 19 Str. AL; 37 Str. AL & CU							
YRB44U39TW	1000 kcmil (1.152 Dia.) 61 Str.	750 kcmil (.998 Dia.) 61 Str. or 750 kcmil CMPCT (.908 Dia.) 61 Str.							
YRB44U44TW	1000 kcmil (1.152 Dia.) 61 Str.	1000 kcmil (1.152 Dia.) 61 Str.							

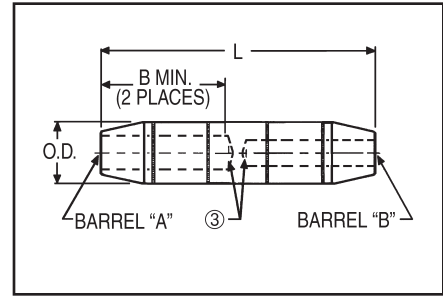
J-7

1 Material: Aluminum.
 2 Finish: Electro-tin plated.
 ③ Barrels are partially filled with PENETROX™ and sealed.
 4 Scratch brushing of all conductors before making installation is recommended.
 5 Not for use with Copper-to-Copper applications.
 6 Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.
 ⑦ Catalog number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
 ⑧ Catalog number PUADP-1 Adaptor is required to use "U" dies in Y46 series tools.
 9 On MY29-3 HYTOOL™ use alum. Index plate settings as follows, for 1/0 conductor use 1/0 setting. For conductor smaller than 1/0 size use 2/0 setting.

TYPE YRB-U

HYREDUCER™ SPLICE (Continued)

FOR ALUMINUM-TO-ALUMINUM
AND ALUMINUM-TO-COPPER



INSTALLATION TOOLING (NUMBER OF CRIMPS PER END)									
COLOR CODE	DIE INDEX	MECHANICAL RATCHET		HYDRAULIC					⑤ DIELESS (# OF CRIMPS) Mechanical: MY29-3 (1) MY29-11 (1) Hydraulic: Y644M (1) PAT644-18V (1)
		OUR840	MD6, MD7	Y35, Y39, Y750 BAT35, BAT750, PAT750	⑧ Y46	⑦ Y45	Y48B	Y60BHU	
Tan	296	—	—	U25ART (1)	U25ART (1)	U25ART (1)	C25AR (1)	—	MY29-3 (1) MY29-11 (1)
White	298	—	—	U28ART (2)	U28ART (2)	U28ART (2)	C28AR (2)	—	Y644M (1) PAT644-18V (1)
Brown	299	—	—	U31ART Overlap Crimp	U31ART Overlap Crimp	U31ART Overlap Crimp	C31AR (1)	L31ART (1)	Y644M (1) PAT644-18V (1)
Pink	300	—	—	U34ART Overlap Crimp	U34ART Overlap Crimp	U34ART Overlap Crimp	C34AR (1)	L34ART	—
Yellow	936	—	—	U39ART-2 (4)	U39ART-2 (4)	U39ART-2 (4)	C39AR (2)	L39ART (2)	—

1 Material: Aluminum.

2 Finish: Electro-tin plated.

③ Barrels are partially filled with PENETROX™ and sealed.

4 Scratch brushing of all conductors before making installation is recommended.

⑤ Not for use with Copper-to-Copper applications.

6 Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.

⑦ Catalog number PT6515 Adaptor is required to use "U" dies in Y45 series tools.

⑧ Catalog number PUADP-1 Adaptor is required to use "U" dies in Y46 series tools.

9 On MY29-3 HYTOOL™ use alum. Index plate settings as follows, for 1/0 conductor use 1/0 setting. For conductor smaller than 1/0 size use 2/0 setting.

TYPE YRB-T

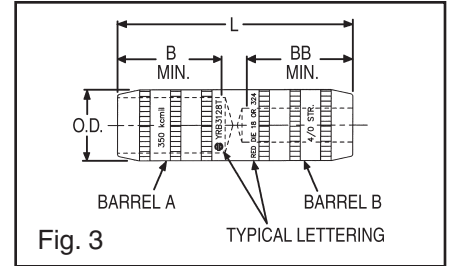
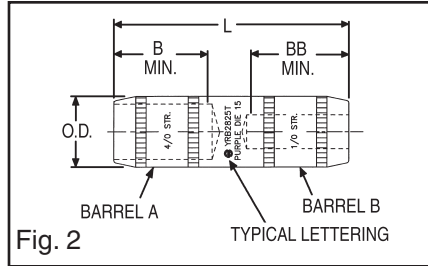
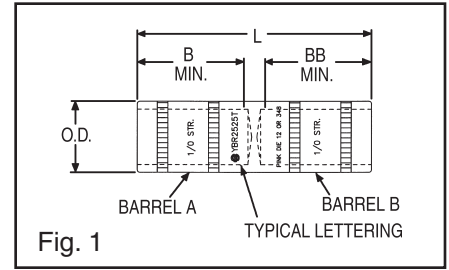
HYREDUCER™ SPLICE

FOR COPPER-TO-COPPER

Type YRB-T splice is designed for use within underground systems. Copper splices are tapered and recommended for use on copper-to-copper cables.

All splices have solid center stops for use with oil filled and non-oil filled cables.

The Outside Diameter is held constant to minimize installation dies. Rated up to 35 kV.



CATALOG ② NUMBER ⑦	FIGURE NO.	CONDUCTOR SIZE		DIMENSIONS			
		BARREL "A"	BARREL "B"	B MIN.	BB MIN.	L	O.D.
YRB6C6CT	1	#6 Str. (.184)	#6 Str. (.184)	.90 [23]	.90 [23]	2.05 [52]	.29 [7]
YRB4C4CT		#4 Str. (.232)	#4 Str. (.232)	.90 [23]	.90 [23]	2.05 [52]	.34 [9]
YRB2C2CT		#2 Str. (.292)	#2 Str. (.292)	.98 [25]	.98 [25]	2.21 [56]	.42 [11]
YRB2525T		1/0 (.372)	1/0 (.372)	.98 [25]	.98 [25]	2.63 [67]	.51 [13]
YRB2626T		2/0 (.419)	2/0 (.419)	1.04 [26]	1.04 [26]	2.36 [60]	.69 [18]
YRB2825T	2	4/0 (.528)	1/0 (.372)	1.16 [29]	1.16 [29]	2.84 [73]	.69 [18]
YRB2828T		4/0 (.528)	4/0 (.528)	1.16 [29]	1.16 [29]	2.84 [73]	.69 [18]
YRB2929T		250 kcmil (.575)	250 kcmil (.575)	1.25 [32]	1.25 [32]	3.12 [79]	.75 [19]
YRB3128T		350 kcmil (.681)	4/0 (.528)	1.36 [35]	1.36 [35]	3.34 [85]	.88 [85]
YRB3131T		350 kcmil (.681)	350 kcmil (.681)	1.36 [35]	1.36 [35]	3.34 [85]	.88 [85]
YRB3228T	3	400 kcmil (.728)	4/0 (.528)	1.38 [35]	1.38 [35]	3.48 [88]	.95 [24]
YRB3428T		500 kcmil (.813)	4/0 (.528)	1.73 [44]	1.73 [44]	4.50 [114]	1.06 [27]
YRB3431T		500 kcmil (.813)	350 kcmil (.681)	1.73 [44]	1.73 [44]	4.50 [114]	1.06 [27]
YRB3432T		500 kcmil (.813)	400 kcmil (.728)	1.73 [44]	1.73 [44]	4.50 [114]	1.06 [27]
YRB3434T		500 kcmil (.813)	500 kcmil (.813)	1.73 [44]	1.73 [44]	4.50 [114]	1.06 [27]
YRB3728T		650 kcmil (.929)	4/0 (.528)	2.06 [52]	2.06 [52]	4.75 [120]	1.23 [31]
YRB3734T		650 kcmil (.929)	500 kcmil (.813)	2.06 [52]	2.06 [52]	4.75 [120]	1.23 [31]

1 Material: Copper.
 ② For Tin-Plating, add suffix "TN" to the Catalog Number (ex.: YRB2825TN). For Hot Tin dipped add suffix "W" to the catalog number (ex.: YRB2825TW).
 ③ Catalog Number PT6515 Adaptor is required to use "U" dies in Y45 series tools.

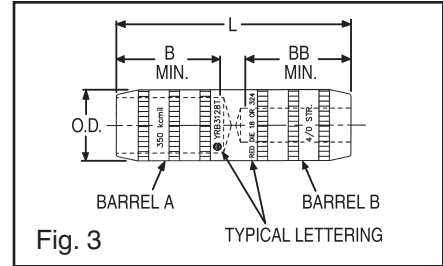
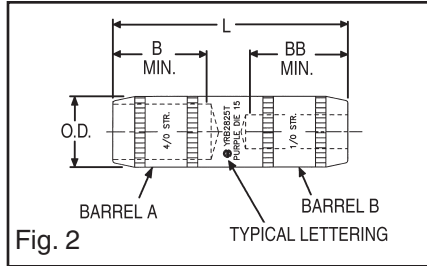
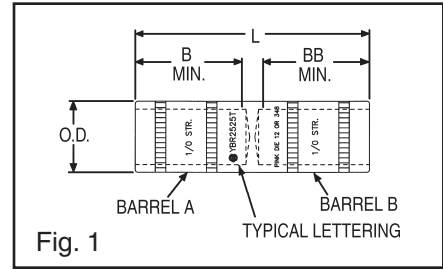
④ Catalog Number PUADP-1 is required to use "U" dies in Y46 series tools.
 5 Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise specified, and are for reference only.

⑥ For use by customers that have this HYPRESS™. No new Y34 HYPRESS™ tools are being processed.
 ⑦ Suffix "TN" and "W" will not be stamped on part.

TYPE YRB-T

HYREDUCER™ SPLICE (Continued)

FOR COPPER-TO-COPPER



CATALOG ② NUMBER ⑦	FIGURE NO.	CONDUCTOR SIZE		DIMENSIONS			
		BARREL "A"	BARREL "B"	B MIN.	BB MIN.	L	O.D.
YRB3737T	3	650 kcmil (.929)	650 kcmil (.929)	2.06 [52]	2.06 [52]	4.75 [120]	1.23 [31]
YRB3931T		750 kcmil (.998)	350 kcmil (.681)	2.06 [52]	2.06 [52]	4.75 [120]	1.30 [33]
YRB3934T		750 kcmil (.998)	500 kcmil (.813)	2.06 [52]	2.06 [52]	4.75 [120]	1.30 [33]
YRB3936T		750 kcmil (.998)	600 kcmil (.893)	2.06 [52]	2.06 [52]	4.75 [120]	1.30 [33]
YRB3937T		750 kcmil (.998)	650 kcmil (.929)	2.06 [52]	2.06 [52]	4.75 [120]	1.30 [33]
YRB3939T		750 kcmil (.998)	750 kcmil (.998)	2.06 [52]	2.06 [52]	4.75 [120]	1.30 [33]
YRB4028T		2	800 kcmil (1.031)	4/0 (.528)	2.13 [54]	2.13 [54]	4.89 [124]
YRB4037T	800 kcmil (1.031)		650 kcmil (.929)	2.13 [54]	2.13 [54]	4.89 [124]	1.35 [34]
YRB4039T	800 kcmil (1.031)		750 kcmil (.998)	2.13 [54]	2.13 [54]	4.89 [124]	1.35 [34]
YRB4439T	1000 kcmil (1.152)		750 kcmil (.998)	2.50 [64]	2.50 [64]	5.86 [149]	1.50 [38]
YRB4444T	1000 kcmil (1.152)		1000 kcmil (1.152)	2.50 [64]	2.05 [64]	5.86 [149]	1.50 [38]

1 Material: Copper.

② For Tin-Plating, add suffix "TN" to the Catalog Number (ex.: YRB2825TN). For Hot Tin dipped add suffix "W" to the catalog number (ex.: YRB2825TW).

③ Catalog Number PT6515 Adaptor is required to use "U" dies in Y45 series tools.

④ Catalog Number PUADP-1 is required to use "U" dies in Y46 series tools.

5 Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise specified, and are for reference only.

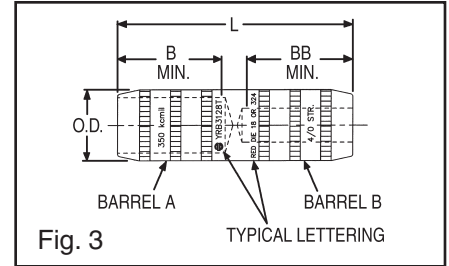
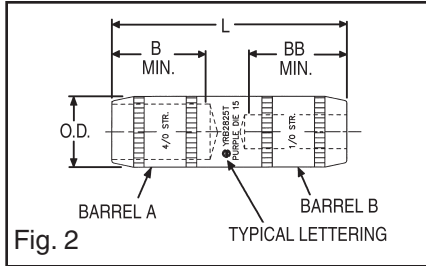
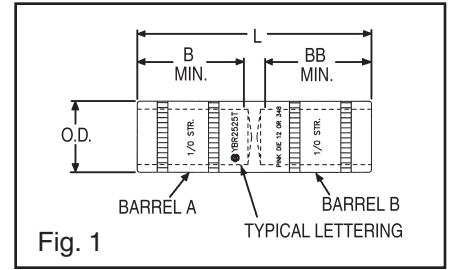
⑥ For use by customers that have this HYPRESS™. No new Y34 HYPRESS™ tools are being processed.

⑦ Suffix "TN" and "W" will not be stamped on part.

TYPE YRB-T

HYREDUCER™ SPLICE (Continued)

FOR COPPER-TO-COPPER



CATALOG NUMBER ②	COLOR CODE	INSTALLATION TOOLING (NUMBER OF CRIMPS)												DIELESS (# OF CRIMPS)	WIRE STRIP LENGTH		
		DIE INFORMATION		MECHANICAL				HYDRAULIC									
		DIE INDEX	TYPE	OUR840	MD7 MD7-34R	MD6	Y34A ⑥	Y35, Y39, Y750, BAT35, BAT750, PAT750	BCT500, Y500CT	Y46 ④	Y45 ③	Y48B	Y60BHU				
YRB6C6CT	Blue	Die 7 or 374	Blue Die Set	X5CRT (2)	W5CVT 92	X5CVT (2)		U5CRT (2)	W5CVT (2)	U5CRT (2)							31/32"
YRB4C4CT	Gray	Die 8 or 346	Gray Die Set	X4CRT (2)	W4CVT (2)	X4CRT (2)	—	U4CRT (2)	W4CVT (2)	U4CRT (2)							31/32"
YRB2C2CT	Brown	Die 10	Brown Die Set	X2CRT (2)	W2CVT (2)	X2CVT (2)		U2CRT (2)	W2CVT (2)	U2CRT (2)							1-1/16"
YRB2525T	Pink	Die 12 or 348	Pink Die Set	X25RT (4) X25VT (4)	W25RT (4)	X25VT (4)	A25R (1)	U25RT (1)	W25RT (4)	U25RT (1)	—						1-1/16"
YRB2626T	Black	Die 13	Black Die Set	W26VT (4) W26RT (4)	W26VT (4)	W26RT (4)		U26RT (1)	W26VT (4) W26RT (4)	U26RT (1)							1-1/8"
YRB2825T	Purple	Die 15	Purple Die Set	X28VT (4) X28RT (4)	X28VT (4)	X28RT (4)	—	U28RT (1)	—	U28RT (1)		C28R (1)	L29ART (1)				1-7/32"
YRB2828T	Purple	Die 15	Purple Die Set	X28VT (4) X28RT (4)	X28VT (4)	X28RT (4)		U28RT (1)	—	U28RT (1)	U28RT (1)	C28R (1)	L29ART (1)				1-7/32"
YRB2929T	Yellow	Die 16	Yellow Die Set	X29RT (4)	W29VT (4)	W29VT (4)	A29R (1)	U29RT (1)	X29RT (4) W29VT (4)	U29RT (1)	U29RT (1)	C29R (1)	L29RT (1)	Hydraulic: Y644M (1)			1-3/8"
YRB3128T	Red	Die 18 or 324	Red Die Set	—	—	—		U31RT (2) U29ART (2)	W31RT (2)	U31RT (2) U29ART (2)	U31RT (2) U29ART (2)	C31R (2) C31AR (1)	L31RT (1) L29ART (1)	BAT644M (1) PAT644M (1)			1-7/16"
YRB3131T	Red	Die 18 or 324	Red Die Set	—	—	—		U31RT (2) U29ART (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	U31RT (2) U29ART (2)	C31R (2) C31AR (1)	L31RT (1) L29ART (1)				1-7/16"
YRB3228T	Blue	Die 19 or 470	Blue Die Set	—	—	—		U32RT (2) U30ART (2)	W32RT (2) W32VT (2)	U32RT (2) U30ART (2)	U32RT (2) U30ART (2)	C32R (1) C30AR (1)	L32RT (1) L30ART (1)				1-1/2"
YRB3428T	Brown	Die 20 or 299	Brown Die Set	—	—	—		U34RT (2) U31ART (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	U34RT (2) U31ART (2)	C34R (1) C31AR (1)	L34RT (1)				1-13/16"
YRB3431T	Brown	Die 20 or 299	Brown Die Set	—	—	—	—	U34RT (2) U31ART (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	U34RT (2) U31ART (2)	C34R (1) C31AR (1)	L34RT (1)				1-13/16"
YRB3432T	Brown	Die 20 or 299	Brown Die Set	—	—	—		U34RT (2) U31ART (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	U34RT (2) U31ART (2)	C34R (1) C31AR (1)	L34RT (1)				1-13/16"
YRB3434T	Brown	Die 20 or 299	Brown Die Set	—	—	—		U34RT (2) U31ART (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	U34RT (2) U31ART (2)	C34R (1) C31AR (1)	L34RT (1)				1-13/16"
YRB3728T	Orange	Die 23	Orange Die Set	—	—	—		U37RT (2)	—	U37RT (2)	U37RT (2)	C37R (1)	L37RT (1)				2-3/16"

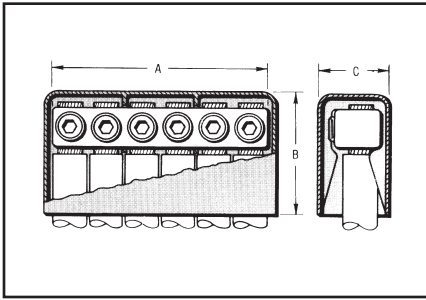
1 Material: Copper.
 ② For Tin-Plating, add suffix "TN" to the Catalog Number (ex.: YRB2825TN). For Hot Tin dipped add suffix "W" to the catalog number (ex.: YRB2825TW).
 ③ Catalog Number PT6515 Adaptor is required to use "U" dies in Y45 series tools.
 ④ Catalog Number PUADP-1 is required to use "U" dies in Y46 series tools.
 5 Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise specified, and are for reference only.
 ⑥ For use by customers that have this HYPRESS™. No new Y34 HYPRESS™ tools are being processed.
 ⑦ Suffix "TN" and "W" will not be stamped on part.

URD

TYPE K-P-C

URD SERVICE TAP FOR COPPER CONDUCTORS

These compact, wide-range-taking, multiple outlet connectors are made of high conductivity copper alloy. Spherical point Allen set screws provide even clamping forces on conductors up to 4/0 Str. Each connector is supplied with an insulating cover. The mechanical clamping elements allow individual cables to be disconnected without disturbing adjacent connections.



CONDUCTOR	CATALOG NUMBER			NUMBER OF OUTLETS	A	B	C
	COMPLETE ASSEMBLY	CONNECTOR ONLY	COVER ONLY				
6 Str. - 4/0 Str.	K6P28C	K6P28	K-PC28	6	5-1/8	2-3/4	1-5/8

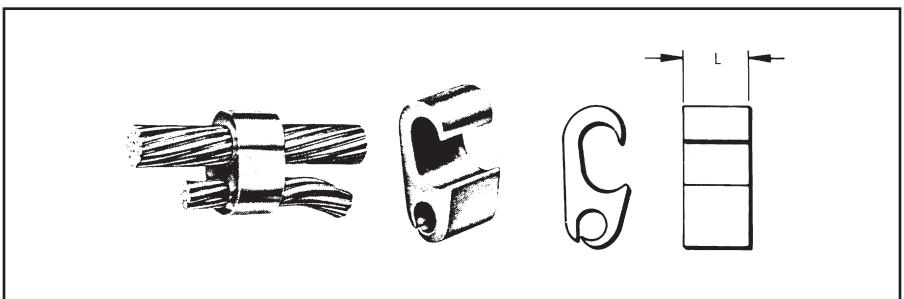
COMPRESSION SERVICE TAPS AND TRANSFORMER TERMINALS

Where compression-type service taps are required, the wide-range-taking, figure "6" shaped, tap connectors are recommended. They can be gripped in a HYPRESS™ and slipped over the secondary main for easy installation. For above-grade installation, commercially available insulating tubes are often used to cover a series of these taps on each main cable stub. Separation of run and tap cables simplifies taping.

TYPE YPC-C

TIN-PLATED COPPER CRIMPIT™ FOR COPPER CONDUCTORS

Made of tin-plated pure copper this connector is recommended for copper service taps in above-grade enclosures or for direct burial. The streamlined design facilitates taping. The plating eliminates reaction with insulators.



Conductor		Catalog Number	L	Die Index	Installation Tooling	
Run	Tap				Die Cat. No.	(No. of Crimps)
2/0 Str. - 250	4 Str. - 2/0 Str	YPC29C26	1.00	D3	U-D3	(1)

* Y35 HYPRESS™ U-Dies with adapter PUADP-1 can also be used with Y46. Same number of crimps as Y35.

URD

TRANSFORMER TERMINALS

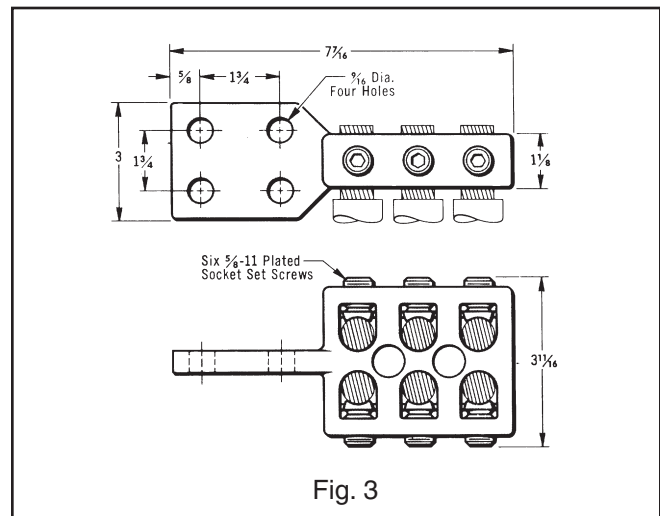
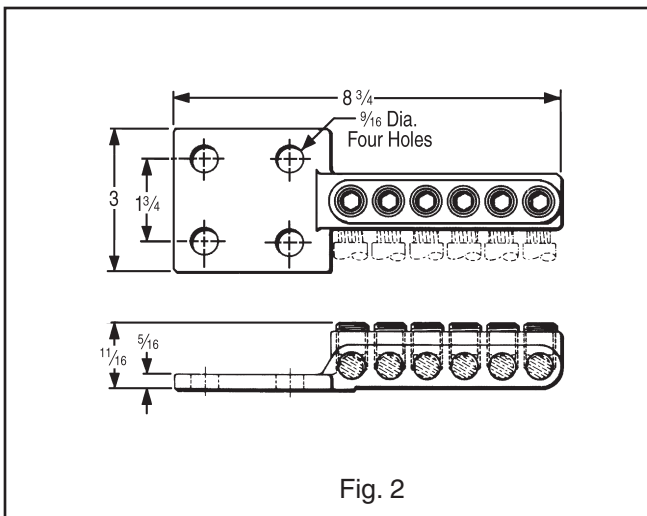
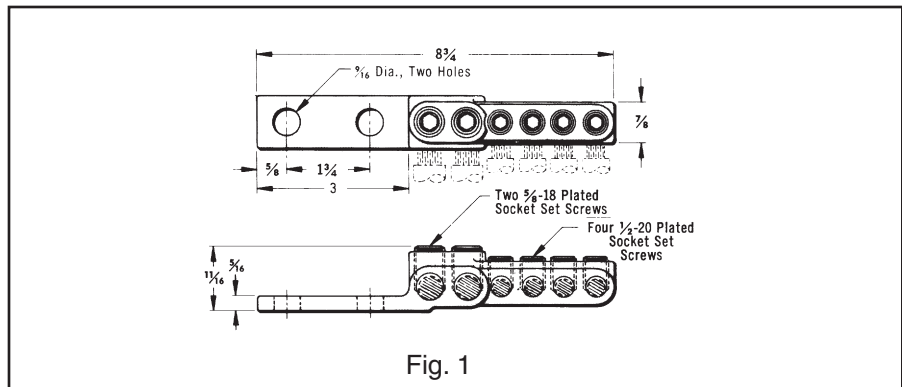
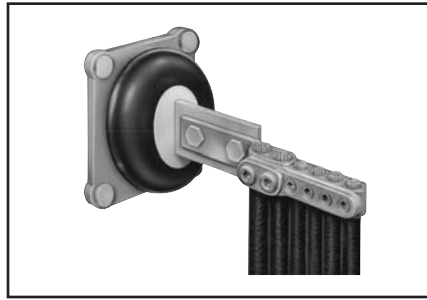
TYPES K6B AND K33B

FOR COPPER CONDUCTORS

These terminals are companion connectors of the various types of DOME-TAP, and possess the same advantages of wide conductor range and compactness. These features simplify cable terminations in the secondary compartments of pad-mounted transformers. The design also permits individual cables to be disconnected without disturbing adjacent joints.

Made of a high conductivity copper alloy, these compact range-taking connectors provide for connecting up to six copper cables at the transformer terminals. The outlets are equipped with spherical point, tin-plated brass socket set-screws to provide even clamping forces on the conductors throughout the cable range.

Where cable sizes exceed 4/0 STR., a pressure bar is added to assure optimum performance.



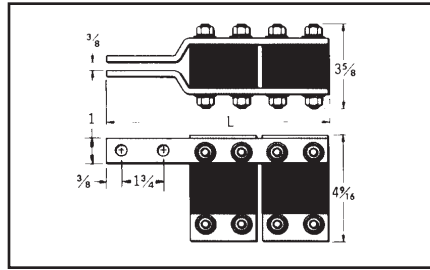
CONDUCTOR	CATALOG NUMBER	FIG. NO.	NEMA Tongue
Two Outlets: #6 - 4/0	K6B2826-2N	1	2-Hole
Four Outlets: 6 Str. - 2/0	K6B28-4N	2	4-Hole
Six Outlets: 6 Str. - 4/0 Str.	K6B28-4N	2	4-Hole
Six Outlets: 4/0 Str. - 500	K33B34-4N	3	4-Hole

URD

FUSED TRANSFORMER TERMINALS

TYPE F-A

These Transformer Tap assemblies bolt directly to the secondary terminal pad. They provide for up to eight cables to be fused directly at the secondary terminals. This may be all service taps or combinations of secondary mains and service taps.



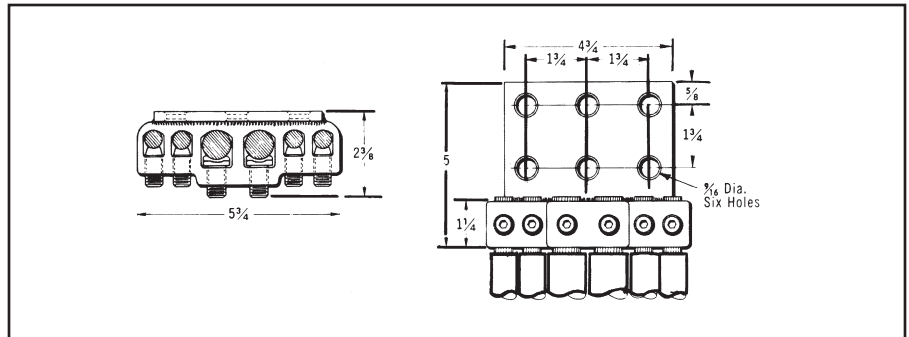
CATALOG NUMBER	NUMBER OF FUSES	L INCHES
F22A28	4	6-1/2

Type LF LIMITER and HYLUG™ (copper or aluminum)
Compression terminals must be ordered separately.

TRANSFORMER TERMINALS

FOR ALUMINUM AND COPPER CONDUCTORS

Made of aluminum alloy, the massive design minimizes conductor corrosion due to galvanic action. Each outlet is pre-filled with PENETROX™ joint compound and sealed. Plated aluminum socket head pressure screws and aluminum pressure bars prevent conductor damage. Six hole pad allows for adjustable positioning on four hole NEMA spades.



CONDUCTOR	CATALOG NUMBER	NUMBER OF OUTLETS
Two Outlets 2 Str. - 500 Four Outlets 6 Str. - 4/0 Str.	K6A34U-6N	6

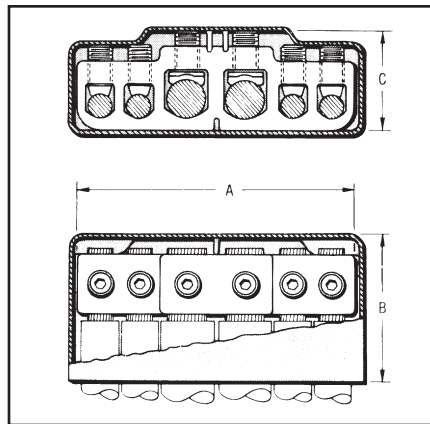
J-15

UNIVERSAL URD SERVICE TAP

TYPE K-P-UC

FOR ALUMINUM OR COPPER

Made of aluminum alloy, the massive design minimizes conductor corrosion due to galvanic action. Each outlet is pre-filled with PENETROX™ joint compound and sealed. Plated aluminum socket head pressure screws and aluminum pressure bars prevent conductor damage. Each connector is supplied with an insulating cover.



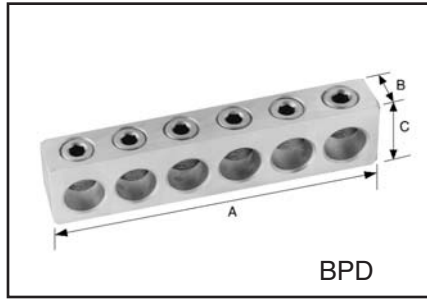
CONDUCTOR	CATALOG NUMBER			NUMBER OF OUTLETS	A	B	C
	COMPLETE ASSEMBLY	CONNECTOR ONLY	COVER ONLY				
Two Outlets 2 Str. - 500 Four Outlets 6 Str. - 4/0 Str.	K6P34UC	K6P34U	K6PC34U	6	5-3/4	3-1/8	2-1/8

TYPES BPD & BPD2

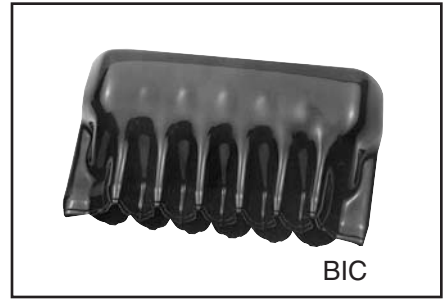
POWER DISTRIBUTION BLOCKS

Dual rated ground pedestal lugs. Rated for 600 volt. Constructed from high strength aluminum alloy 6061-T6. Connectors are all plated to provide low contact resistance.

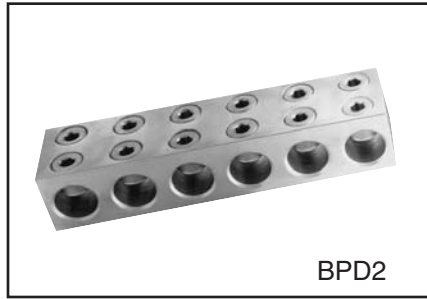
Plastisol covers dielectric strength rating of 120 volts per mil. Nominal thickness is 156 mils. Covers purchased separately.



BPD



BIC



BPD2



BIC2

CATALOG NUMBER	WIRE RANGE AL OR CU.	NUMBER OF CONDUCTORS	DIMENSIONS			INSULATING COVER
			A	B	C	
BPD-4-350	#6 - 350	4	3.88	1.38	1.00	BIC-4-350
BPD-6-350	#6 - 350	6	5.69	1.38	1.00	BIC-6-350
BPD-8-350	#6 - 350	8	7.50	1.38	1.00	BIC-8-350
BPD-4-500	#2 - 500	4	4.75	1.63	1.00	BIC-4-500
BPD-6-500	#2 - 500	6	7.00	1.63	1.00	BIC-6-500
BPD-8-500	#2 - 500	8	9.25	1.63	1.00	BIC-8-500
BPD2-4-750	#2 - 750	4	6.56	2.00	2.50	BIC2-4-750
BPD2-6-750	#2 - 750	6	9.88	2.00	2.50	BIC2-6-750
BPD2-8-750	#2 - 750	8	13.81	2.00	2.50	BIC2-8-750