

BURNDY

Compression



TYPE YS-FXB

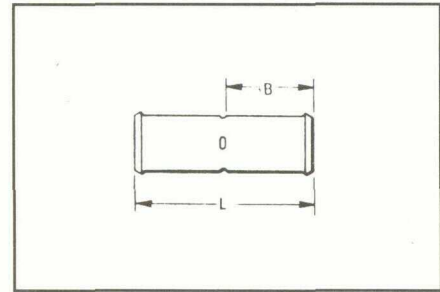
HYLINK™ - SPLICE - BELLED LONG BARREL

UL LISTED 90°C,
600 VOLT TO 35 KV ◆



Features and Benefits

- Long barrel length.
 - ◆ High voltage terminations.
- Four (4) center conductor stops.
 - ◆ Provides a center wire stop for proper conductor insertion.
- High pull out force.
 - ◆ Provides added security for greater mechanical and electrical properties.
- Belled cable entry.
 - ◆ A funnel type entry provide easy insertion of extra flexible cables plus offers mechanical strain relief for individual strands.



C-96

CATALOG NUMBER	CONDUCTOR		DIMENSIONS		INSTALLATION TOOLING ▲			CABLE STRIP LENGTH
	FLEXIBLE CABLE CODE AWG	MM ²	L (mm)	B (mm)	EMBOSSED DIE INDEX	COLOR CODE	DIE NUMBER (#OF CRIMPS)	
YS8C-FXB	#8 STR. (37/24) #8 AWG	—	1.99 (51)	.90 (23)	49	RED	U8CRT (2 CRIMPS/END)	1 (25)
YSV6C-FXB	#6 STR. (61/24) #6 AWG	—	2.62 (67)	1.22 (31)	7	BLUE	U5CRT (2 CRIMPS/END)	1-5/6 (33)
YS5C-FXB	#5 STR. (91/24) #5 AWG	—	2.62 (67)	1.22 (31)	7	BLUE	U5CRT (2 CRIMPS/END)	1-5/6 (33)
YSV4C-FXB	#4 STR. (91/24-105/24) #4 AWG	—	2.62 (67)	1.22 (31)	8	GRAY	U4CRT (2 CRIMPS/END)	1-5/6 (33)
YS3C-FXB	#3 STR. (105/24-125/24) #3 AWG	—	2.87 (73)	1.47 (37)	9	WHITE	U3CRT (2 CRIMPS/END)	1-9/16 (40)
YSV2C-FXB	#2 STR. (125/24-150/24) #2 AWG	—	2.89 (73)	1.35 (34)	10	BROWN	U2CRT (2 CRIMPS/END)	1-7/16 (37)
YSV1C-FXB	#1 STR. (175/24-225/24) #1 AWG	—	3.18 (81)	1.50 (38)	11	GREEN	U1CRT-1 (4 CRIMPS/END)	1-9/16 (40)
YSV25-FXB	1/0 STR. (275/24) 1/0 AWG	—	3.18 (81)	1.50 (38)	12	PINK	U25RT (4 CRIMPS/END)	1-9/16 (40)
YSV26-FXB	2/0 STR. (325/24) 2/0 AWG	—	3.44 (87)	1.63 (41)	13	BLACK	U26RT (4 CRIMPS/END)	1-11/16 (43)
YSV27-FXB	3/0 STR. (450/24) 3/0 AWG	—	3.46 (88)	1.64 (42)	14	ORANGE	U27RT (4 CRIMPS/END)	1-11/16 (43)
YSV28-FXB	4/0 STR. (550/24) 4/0 AWG	—	3.72 (94)	1.77 (45)	15	PURPLE	U28RT (4 CRIMPS/END)	1-7/8 (48)
YS30-FXB	250 kcmil Flex Class G 259 STR. Class H 427 STR.	—	4.51 (115)	2.16 (55)	16	YELLOW	U29RT (4 CRIMPS/END)	2-1/4 (57)
YS31-FXB	263 kcmil (650/24) 250FLEX CLASS I,K,M	—	4.54 (115)	2.18 (55)	17	WHITE	U30RT (4 CRIMPS/END)	2-1/4 (57)
YS32-FXB	313.1 kcmil (775/24) 300 kcmil NOM.	—	4.82 (122)	2.32 (59)	18	RED	U31RT (4 CRIMPS/END)	2-7/16 (62)
YS34-FXB	373.7 kcmil (925/24) 350 kcmil NOM.	—	5.14 (131)	2.48 (63)	19	BLUE	U32RT (4 CRIMPS/END)	2-9/16 (65)
YS36-FXB	444.4 kcmil (1100/24) 450 kcmil NOM.	—	6.09 (155)	2.95 (75)	20	BROWN	U34RT (4 CRIMPS/END)	3-1/16 (79)
YS38-FXB	535.3 kcmil (1325/24) 500 kcmil NOM.	—	6.34 (161)	3.08 (78)	L99	PINK	U38XRT (4 CRIMPS/END)	3-3/16 (81)
YS40-FXB	646 kcmil (1600/24) 600 kcmil NOM.	—	6.66 (1.69)	3.24 (82)	24	BLACK	U39RT (4 CRIMPS/END)	3-5/16 (84)
YS44-FXB	777.7 kcmil (1925/24) 750 kcmil NOM.	—	6.84 (174)	3.33 (85)	L115	YELLOW	U44XRT (4 CRIMPS/END)	3-7/16 (87)

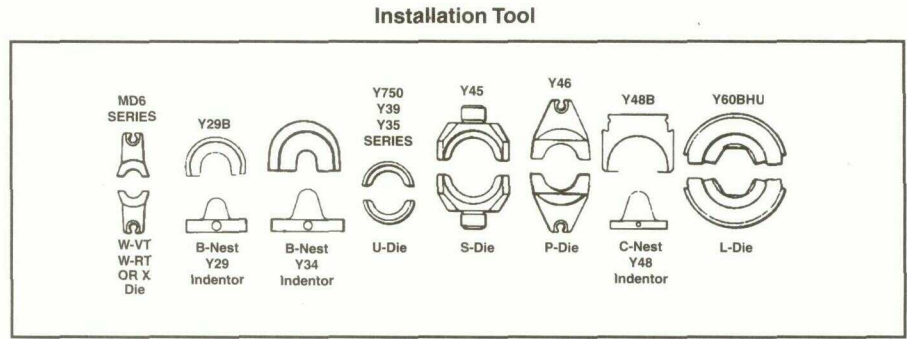
* Use P-UADP-1 adapter with "U" dies in Y46 HYPRESS™.
 ** P44RT and P46RT dies sets are for use with Y46 HYPRESS™ only. P-UADP-1 adapter not required.
 ■ The maximum size for the Y35 is 373.7 kcmil.
 ▲ See tooling section of this catalog for complete tool and die listings.
 ◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.



PRESENT INSTALLATION TOOL INDEX

This chart provides a cross-reference between die index numbers marked on **BURNDY COMPRESSION CONNECTORS** and the **CORRESPONDING DIE SETS** used with the various **BURNDY INSTALLATION TOOLS**. This is the only way to have a BURNDY compression system.

A die index number has been assigned to each required groove configuration. A prefix letter is used to indicate the specific installation tool for which the die has been designed, as shown below.



Corresponding Die Set

DIE IDENTIFICATION NUMBERING SYSTEM

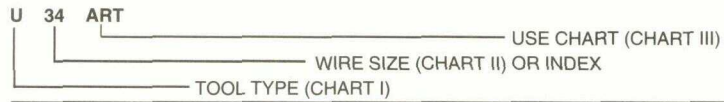


CHART I			
A - Y34A	E - Y44B	P - Y46	X - OUR840/MD-6
B - Y34BH	F - Y486RB	S - Y45	
C - Y48B	G - Y34C	U - Y35	
	L - Y60B	W - MD-6/OUR840	

CHART II				
12 - #12	4C - #4	26 - 2/0	31 - 350 MCM	OR INDEX
10 - #10	3C - #3	27 - 3/0	32 - 400 MCM	i.e., U312
8C - # 8	2C - #2	28 - 4/0	34 - 500 MCM	312 Die Index
6C - # 6	1C - #1	29 - 250 MCM	36 - 600 MCM	
5C - # 5	25 - 1/0	30 - 300 MCM	39 - 750 MCM	
			44 - 1000 MCM	

CHART III	
A - ALUMINUM	
B - INDENTOR NEST (USED WITH INDENTOR DIE # Y34P**)	
R - ROUND DIE (CIRCUMFERENTIAL)	
T - TWIN DIE (BOTH HALVES)	