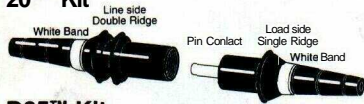


Ordering Information

Use the following chart and table to determine the correct part number by choosing model, line side, and load side ordering codes from the shaded columns. See example below, right.

Breakaway In-Line Kits

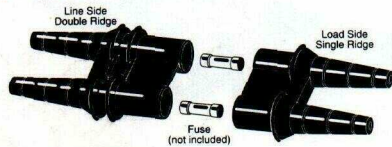
20™ Kit



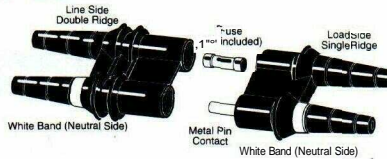
65™ Kit



D65™ Kit



D65PN™ Kit

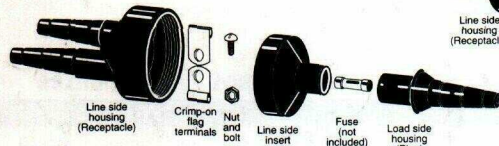


MODEL

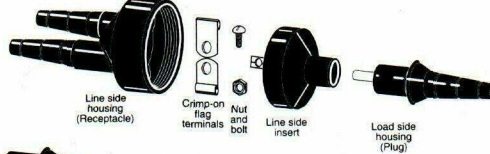
Application	Electrical Rating	Ordering Code
In-Line Neutral Non-Fused Breakaway	30 Amp 600 Volt	20-
In-Line Phase Fused Breakaway	1/10-30 Amp 600 Volt	65-
Dual In-Line Phase Fused Breakaway	1/10-30 Amp 600 Volt	065-
Dual In-Line Phase & Neutral Fused Breakaway	1/10-30 Amp Phase 30 Amp Neutral 600 Volt	D65PN -

Breakaway Y-Tap Kits

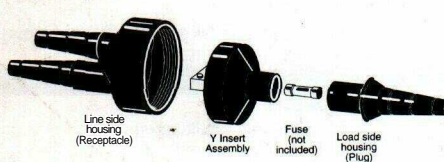
82™ Kit



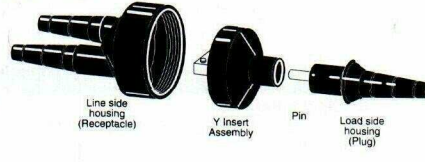
83™ Kit



82S™ Kit



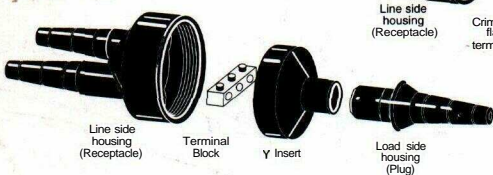
83S™ Kit



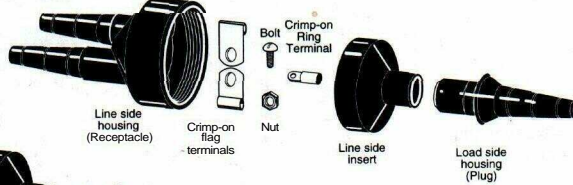
Application	Electrical Rating	Ordering Code
Crimped Phase Fused Tap & Run	1/10-30 Amp 600 Volt	82-
Crimp Neutral Non-Fused Tap & Run	125 Amp Line 30 Amp Load 600 Volt	83-
Set Screw Phase Fused Tap & Run	1/10-30 Amp 600 Volt	82S-
Set Screw Neutral Non-Fused Tap & Run	70 Amp Line 30 Amp Load 600 Volt	83S-

Y-Splice Kits

84S™ Kit



84™ Kit



Application	Electrical Rating	Ordering Code
Crimp Splice Tap & Run	150 Amp 600 Volt	84-
Set Screw Splice Tap & Run	70 Amp 600 Volt	84S-

Excerpts of the 1996 NEC Tables 5 & 5A
Dimensions of Insulated Conductors and Fixture Wires

Size (AWG)	Approx. Diameter in Inches for Insulation Types:						Approx. Diameter in Inches for Compact AL with Insulation Types:		
	RH	RHW-2, RHW	TW	THHW	THHN	XHH	THW, THHW	THHN	XHHW
14	0.163	0.193	0.133	0.163	0.111	0.133	-	-	-
12	0.182	0.212	0.152	0.182	0.130	0.152	-	-	-
10	0.236	0.236	0.176	0.206	0.164	0.176	-	-	-
8	0.326	0.326	0.236	0.266	0.216	0.236	0.255	-	0.224
6	0.364	0.364	0.304	0.304	0.254	0.274	0.290	0.240	0.260
4	0.412	0.412	0.352	0.352	0.324	0.322	0.335	0.305	0.305
3	0.440	0.440	0.380	0.380	0.352	0.350	-	-	-
2	0.472	0.472	0.412	0.412	0.384	0.382	0.390	0.360	0.360
1	0.582	0.582	0.492	0.492	0.446	0.442	0.465	0.415	0.415
1/0	0.622	0.622	0.532	0.532	0.486	0.482	0.500	0.450	0.450

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Power Connectors

Streetlight Kits

1 LINE SIDE — LOAD SIDE

Insulation Diameter Range (Inches)	Stranded* Conductor Size (AWG)	Type	Ordering Code (CHOOSE 1)	Insulation Diameter Range (Inches)	Equivalent Conductor (See Table)	Stranded* Conductor Size (AWG)	Type	Ordering Code (CHOOSE 1)
.120-.430	12-6	Copper Crimp	LI-	.120-.430	1	12-6	Copper Crimp	U
	12-6	Aluminum Crimp	DA-			12-6	Aluminum Crimp	UA
	4 or 2	Copper Crimp	LC-			4 or 2	Copper Crimp	LC
	4 or 2	Aluminum Crimp	LA-			4 or 2	Aluminum Crimp	LA

NOTE: It is not necessary to use the load side ordering code if it is the same as the line side code, i.e., a 65U-U is ordered as a 65U.

Insulation Diameter Range (Inches)	Ordering Code (CHOOSE 1)	Stranded* Conductor Size (AWG)	Type	Ordering Code (CHOOSE 1)	Insulation Diameter Range (Inches)	Equivalent Conductor (See Table)	Stranded* Conductor Size (AWG)	Type	Ordering Code (CHOOSE 1)
.155-.430	ADB	10	Copper Crimp	6-	.120-.430	1	12-6	Copper Crimp	C
		8	Copper Crimp	4-			12-6	Aluminum Crimp	A
		6	Copper Crimp	3-			4 or 2	Copper Crimp	LC
4	Copper Crimp	2-							
2	Copper Crimp	1-							
.420-.785	EAFB	1	Copper Crimp	0-	.120-.430	1	12-6	Aluminum Crimp	A
		1/0	Copper Crimp	10-			4 or 2	Copper Crimp	LC
		10	Copper Crimp	1-			4 or 2	Aluminum Crimp	LA
.155-.430	ADB	8	Terminal Block with Set Screws	1-	.120-.430	1	12-6	Aluminum Crimp	A
		6	Terminal Block with Set Screws	1-			4 or 2	Copper Crimp	LC
		4	Copper or Alum. Conductors	1-			4 or 2	Aluminum Crimp	LA
.420-.785	EAFB	2	Copper or Alum. Conductors	1-	.120-.430	1	10-2	Terminal Block Copper or Aluminum Conductors	N/A
		1	Copper or Alum. Conductors	ID-					
		1/0	Copper Crimp	10-					

Insulation Diameter Range (Inches)	Ordering Code (CHOOSE 1)	Stranded* Conductor Size (AWG)	Type	Ordering Code (CHOOSE 1)	Insulation Diameter Range (Inches)	Equivalent Conductor (See Table)	Conductor Size (AWG)	Type	Ordering Code (CHOOSE 1)
.155-.430	ADB	10	Copper Crimp	6-	.120-.430	1	10	Copper Crimp	6
		8	Copper Crimp	4-			8	Copper Crimp	4
		6	Copper Crimp	3-			6	Copper Crimp	3
.420-.785	EAFB	4	Copper Crimp	2-	.120-.430	1	4	Copper Crimp	2
		2	Copper Crimp	1-			2	Copper Crimp	1
		1	Copper Crimp	0-			1	Copper Crimp	0
.155-.430	ADB	1/0	Copper Crimp	10-	.120-.430	1	10-2	Terminal Block Copper or Aluminum Conductors	N/A
		10	Copper Crimp	1-					
		8	Terminal Block with Set Screws	1-					
.420-.785	EAFB	6	Terminal Block with Set Screws	1-	.120-.430	1	10-2	Terminal Block Copper or Aluminum Conductors	N/A
		4	Copper or Alum. Conductors	1-					
		2	Copper or Alum. Conductors	1-					
.420-.785	EAFB	1	Copper or Alum. Conductors	ID-	.120-.430	1	10-2	Terminal Block Copper or Aluminum Conductors	N/A
		1	Copper or Alum. Conductors	ID-					
		1/0	Copper Crimp	10-					

NOTE: Fused kits require a 13/32" x 1 1/2" fuse. **DO NOT USE GLASS OR INDICATING TYPES.** Waterproof or direct burial wire is recommended. **THHN is NOT recommended.**

* For solid wire: 14-4 AWG, use codes U, UA, C, or A. 2 AWG, use codes LC or LA.

Example:
A Y-Tap Kit with set screws for a 2 AWG phase line side conductor with a diameter of .472" and a 10 AWG copper load side conductor is ordered as an 82S-EAFB1-C.

