B

Homac®/Blackburn®
Overhead connectors

B

Homac / Blackburn
Overhead connectors

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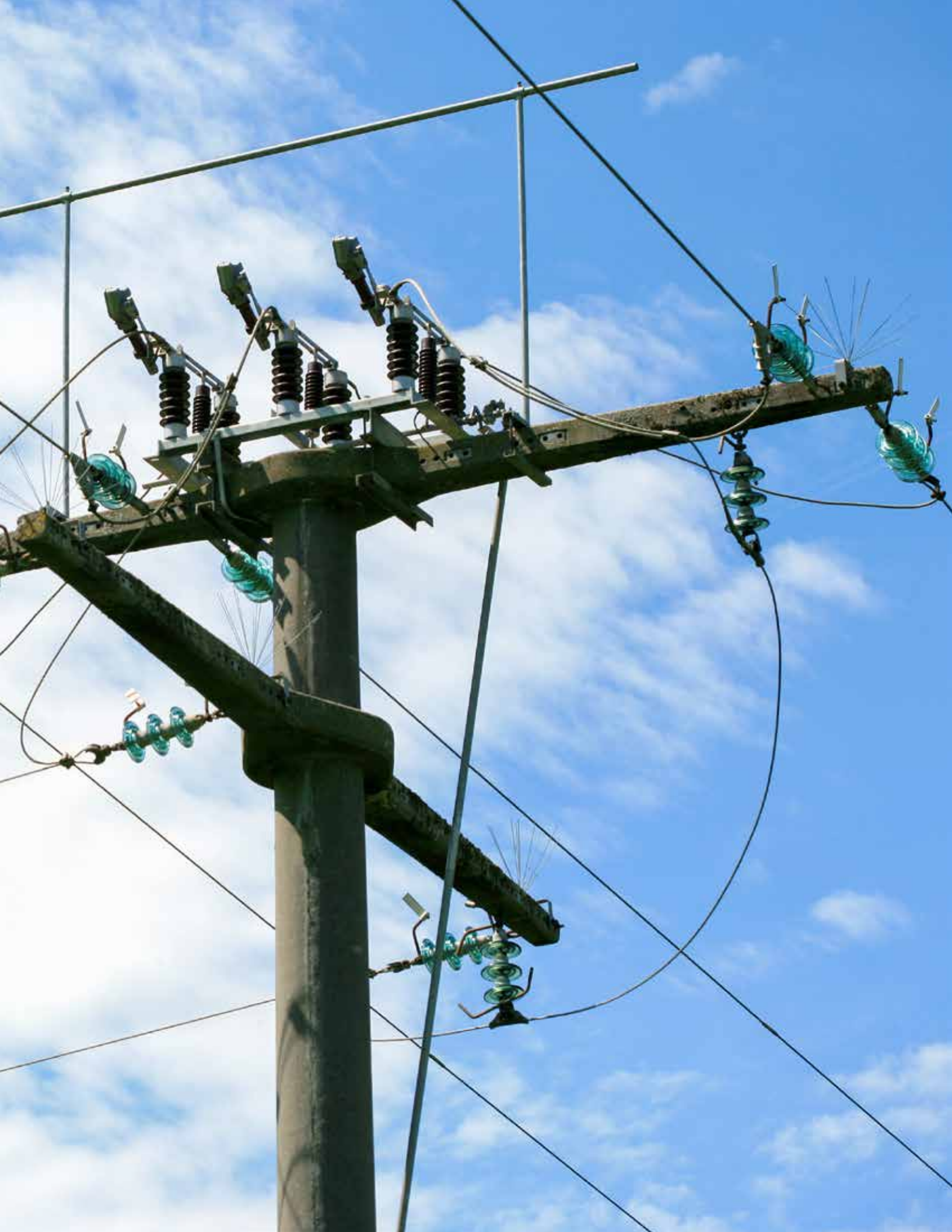


Compression pin terminals

Flood-Seal® insulated compression pin terminals

RU 5

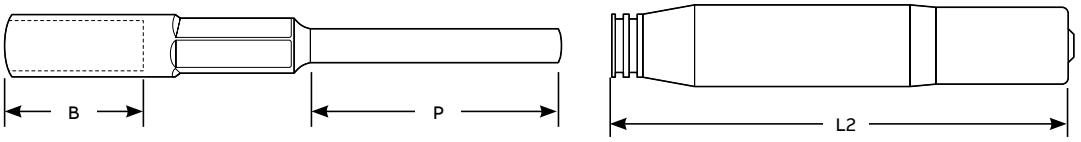
RU 5 U 10

- Fabricated from pure electrolytic aluminum and softdrawn, tinned copper wire to provide the high strength and conductivity of aluminum and the flexibility of copper
- Flood-Seal covers provided to ensure a watertight seal on the pin as well as around the aluminum cable insertion; also rated up to 600 V
- Oxide inhibitor prevents oxidation
- All pin terminals marked with die references for easy identification

Flood-Seal insulated compression pin terminals

	Conductor size (AWG or kcmil)					
Cat. no.	**Alum. str.**	**ACSR**	**Solid Cu pin**	**Installing dies**	**P (in.)**	**B (in.)**
RU 5 U 4	#4	#4	#4	TU, 52, BG, 243, ⅝, 8A	2	15⁄16
RU 5 U 2	#2	#2	#4	TU, 52, BG, 243, ⅝, 8A	2	15⁄16
RU 5 U 10	1/0	1/0	#2	TU, 52, BG, 243, ⅝, 8A	2½	15⁄16
RG 5 U 10	1/0	1/0	#2	⅝-1, 297, 245, TW-TY, ⅝ GOLD	2½	1¾
RG 5 U 20	2/0	2/0	1/0	⅝-1, 297, 245, TW-TY, ⅝ GOLD	2½	1¾
RX 5 U 30	3/0	3/0	1/0	TX, 76, 249, 840, 11A	3	1⅞
RX 5 U 40	4/0	4/0	2/0	TX, 76, 249, 840, 11A	3	1⅞
RX 5 U 336	300–350	336.4 (18/1)	4/0	TX, 76, 249, 840, 11A	4	1⅞

Diagrams



Flood-Seal insulators only

	Conductor size (AWG or kcmil)		
Cat. no.	**Alum. str.**	**ACSR**	**L2 (in.)**
RU 5	#4-1/0	#4-1/0	3 13⁄16
RG 5	1/0 & 2/0	1/0 & 2/0	5 11⁄16
RX 5	3/0-336.4	3/0-336.4	6 7⁄16

Note: For special die requirements, additional pin lengths and offset pin Fig.s, please consult your ABB representative.
For other wire barrel diameters suitable for non-listed dies, please consult your ABB representative.

Compression pin terminals

Aluminum compression pin terminals – Q 5, U 5, X 5 and PT Series

PTB 350

X 5 U 336

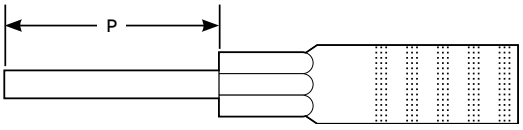
U 5 U 10

- Connect aluminum and ACSR to copper-alloy equipment clamps, eliminating cold-flow problems of aluminum conductor in copper clamps
- Annealed, tin-plated copper pin ensures high conductivity and bends easily to aid in cable training
- Oxide inhibitor and metal sealant prevent oxidation and protect pin/body from moisture intrusion
- All pin terminals marked with wire size, installing dies and compression locations for easy identification

Q 5, U 5 and X 5 Series

	Conductor size (AWG or kcmil)					
	Aluminum					
Cat. no.	Sol.	Str.	ACSR	Installing dies	Solid Cu pin	P (in.)
Q 5 U 8	#6	#8	–	½, 163, TQ, 6A*	4 (0.204)	2
Q 5 U 6	#4	#5 & #6	#6	½, 163, TQ, 6A*	4 (0.204)	2
Q 5 U 4	#2	#3 & #4	#4	½, 163, TQ, 6A*	4 (0.204)	2
Q 5 U 2	–	#1 & #2	#2	½, 163, TQ, 6A*	4 (0.204)	2
U 5 U 8	#6	#8	–	½, 163, TQ, 6A*	4 (0.204)	2
U 5 U 6	#4	#5 & #6	#6	⅝, 52, BG, TU, 8A*	4 (0.204)	2
U 5 U 4	#2	#3 & #4	#4	⅝, 52, BG, TU, 8A*	4 (0.204)	2
U 5 U 2	–	#1 & #2	#2	⅝, 52, BG, TU, 8A*	4 (0.204)	2
U 5 U 10	–	1/0	1/0	⅝, 52, BG, TU, 8A*	2 (0.257)	2½
X 5 U 10	–	1/0	1/0	840, WK840, 249, TX, 11A*	2 (0.257)	2½
X 5 U 20	–	2/0	2/0	840, WK840, 249, TX, 11A*	1/0 (0.325)	2½
X 5 U 30	–	3/0	3/0	840, WK840, 249, TX, 11A*	1/0 (0.325)	3
X 5 U 40	–	4/0	4/0	840, WK840, 249, TX, 11A*	2/0 (0.365)	3
X 5 U 266	–	250–266.8	266.8	840, WK840, 249, TX, 11A*	3/0 (0.410)	3½
X 5 U 366	–	300–350	336.4 (18/1)	840, WK840, 249, TX, 11A*	4/0 (0.460)	4

Diagram



* When using EE1 dies, space compressions ⅛" apart.

PT Series

	Conductor size (kcmil)				
Cat. no.	Alum. str.	ACSR	Installing dies	Solid Cu pin	P (in.)
PTB 300	266.8 & 300	266.8 (18/1)	96, 472, 705, 1⅛-1	0.460	4
PTB 350	336.4 & 350	266.8 (26/7), 336.4 (18/1)	96, 472, 705, 1⅛-1	0.460	4
PTB 400	397.7 & 400	336.4 (26/7), 397.5 (18/1)	96, 472, 705, 1⅛-1	0.460	4
PTM 500	447 & 500 & 600 CPT	397.5, 477 (26/7, 18/1)	106A, 300, 426, 1⁵⁄₁₆, 317	0.562	5
PTM 556	500 & 556.5	477 (26/7), 556.5 (18/1)	106A, 300, 426, 1⁵⁄₁₆, 317	0.562	5
PTL 636	600 & 636	556.5, 636 (36/1, 26/7)	140H, 301, 724, 1½	0.562	6
PTL 750	700 & 750	636 (26/7)	140H, 301, 724, 1½	0.750	6
PTL 800	795 & 800	715.5 (26/7), 795 (36/1)	140H, 301, 724, 1½	0.750	6
PTL 1000	954 & 1000	795 (26.7), 954 (45/7)	140H, 301, 724, 1½	0.875	6

Note: For additional pin lengths and offset pin Fig.s, please consult your ABB representative.

Compression pin terminals

Aluminum compression pin terminals – SAPT series

SAPT 4/0–206

For use with high voltage termination kits.

- Made from aluminum for high strength and conductivity
- Annealed, tin-plated copper pin ensures high conductivity and bends easily to aid in cable training
- Oxide inhibitor prevents oxidation
- Metal sealant protects pin/body from moisture intrusion
- All pin terminals marked with wire size, installing dies and compression locations for easy identification

SAPT series

	Conductor size (AWG or kcmil)								
Cat. no.	**ACSR**	**Str.**	**Compr.**	**Compt.**	**Sol.**	**Pin dia.**	**Pin length (in.)**	**Dies**	**Barrel insertion (in.)**
SAPT 6-26	–	#6	–	–	–	2 (0.257)	6	TU, 52, BG, 243, 5/8	1 3/4
SAPT 4-26	–	#4	–	–	#2	2 (0.257)	6	TU, 52, BG, 243, 5/8	1 3/4
SAPT 2-24	#2	#2	–	–	1/0	2 (0.257)	4	BG, 5/8, 620H, 9/16	1 3/4
SAPT 2-12	–	#2	–	–	–	2 (0.257)	12	TU, 52, BG, 243, 5/8	1 3/4
SAPT 2-26	–	#1, #2	–	–	1/0	2 (0.257)	6	TU, 52, BG, 243, 5/8	1 3/4
SAPT 2-1017	–	#1, #2	–	–	1/0	1/0 (0.325)	17	TU, 52, BG, 243, 5/8	1 3/4
SAPT 2-26-840	–	#1, #2	–	–	1/0	2 (0.257)	6	TX, 76, 249, 840, 11A	1 3/4
SAPT 1-12E	–	#1	#1	1/0	1/0	2 (0.257)	12	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1S-26	–	#2	#1	–	–	2 (0.257)	6	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1/0-10	–	1/0	–	–	–	2 (0.257)	10	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1/0-1017 CC	1/0	1/0	–	–	–	1/0 (0.325)	17	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1/0-106	1/0	1/0	–	–	–	1/0 (0.325)	6	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1/0-12	–	1/0	–	–	–	2 (0.257)	12	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1/0-26	–	1/0	–	–	–	2 (0.257)	6	TU, 52, BG, 243, 5/8	1 3/4
SAPT 1/0-26-840	–	1/0	–	–	–	2 (0.257)	6	TX, 76, 249, 840, 11A	1 3/4
SAPT 3/0-106	–	3/0	–	–	–	1/0 (0.325)	6	TX, 76, 249, 840, 11A	2 1/4
SAPT 4/0-1018 CC	–	4/0	–	–	–	1/0 (0.325)	18	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-106	–	4/0	–	–	–	1/0 (0.325)	6	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-2012	–	4/0	–	–	–	2/0 (0.365)	12	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-206	–	4/0	–	–	–	2/0 (0.365)	6	TX, 76, 249, 840, 11A	2 1/2
SAPT 4/0-26	–	4/0	–	–	–	2 (0.257)	6	TX, 76, 249, 840, 11A	2 1/2
SAPT 350-6	266.8 (26/7), 336.4 (18/1)	336.4–350	–	–	–	(0.562)	6	1 1/8-1, 96, 299, 655, 316, 13A, 321, 94H	2 1/2

Note: For additional pin lengths and offset pin Fig.s, please consult your ABB representative.

Compression pin terminals

Shrouded compression pin terminals – Common die series

PTSK 4/0

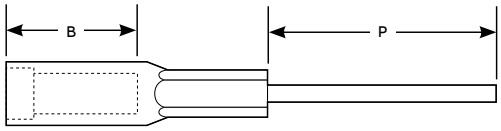
Rainshield protection for insulated cable installed in exposed areas.

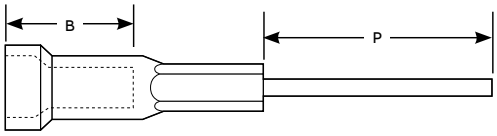
- Made from pure electrolytic aluminum for high strength and high conductivity
- Tin-plated copper pin ensures high conductivity and bends easily to aid in cable training
- Prefilled with oxide inhibitor to prevent oxidation
- Metal sealant protects pin/body from moisture intrusion
- All pin terminals marked with die references for easy identification

Shrouded compression pin terminals – Common die series

Cat. no.	Conductor size (AWG or kcmil) Alum. Stranded	ACSR	Solid Cu pin	Shroud I.D.	Installing dies	P (in.)	B (in.)	Fig.
PTSG 6	#6	#6	0.204	0.400	52, TU, BG, 8A, 5/8, 243	2	1 7/8	2
PTSG 4	#4	#4	0.204	0.450	52, TU, BG, 8A, 5/8, 243	2	1 7/8	2
PTSG 21	#2–#1	#2–#1	0.258	0.604	52, TU, BG, 8A, 5/8, 243	2	1 7/8	1
PTSG 1/0	1/0	1/0	0.258	0.640	52, TU, BG, 8A, 5/8, 243	2 1/4	1 7/8	1
PTSK 1/0	1/0	1/0	0.258	0.640	840, 11A, 76, TX, 249	4	1 3/4	2
PTSK 2/0	2/0	2/0	0.324	0.750	840, 11A, 76, TX, 249	4	1 3/4	2
PTSK 3/0	3/0	3/0	0.324	0.750	840, 11A, 76, TX, 249	4	1 3/4	2
PTSK 4/0	4/0	4/0	0.364	0.750	840, 11A, 76, TX, 249	4	1 3/4	2
PTSB 350	336.4–350	266.6 (26/7), 366.4 (18/1)	0.460	0.937	1 1/8–1, 299, 655, 96, 13A	4	3 1/8	2
PTSL 636	600–636	556.5 (26/7), 636 (36/1)	0.562	1.125	1 1/2, 301, 724, 140H	6	3 3/8	2

Diagrams





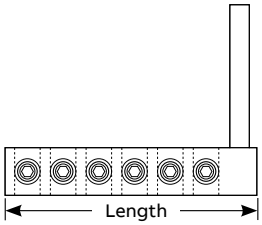
* For special die requirements, please consult your ABB representative.
Note: For additional pin lengths and offset pin Fig.s, please consult your ABB representative.

Multi-tap eyebolt connectors

Overhead transformer eyebolt multi-tap set-screw connectors

- Designed with factory-mounted 90° angle copper studs for installation in pole-type transformers with secondary eyebolt connections
- Made from high-strength aluminum alloy to maintain constant bolting pressure on conductors
- Screws designed for optimum electrical connection and maximum conductor-contact pressure
- Dual-rated for use with aluminum and copper conductors
- Meets or exceeds ANSI C119.4 specifications

Aluminum overhead transformer eyebolt multi-tap set-screw connectors

Diagram	Cat. no.	No. of outlets	Length (in.)	Stud size (in.)	Cable range (AWG or kcmil)
	ABP 240	2	2 5/8	½ x 4	#6–250
	ABP 340	3	3 3/8	½ x 4	#6–250
	ABP 440	4	4 5/32	½ x 4	#6–250
	ABP 540	5	4 5/16	½ x 4	#6–250
	ABP 640	6	5 3/4	½ x 4	#6–250
	ABP 740	7	6 ½	½ x 4	#6–250
	ABP 840	8	7 9/32	½ x 4	#6–250
	ABP 2350	2	3 3/16	⅝ x 4	#6–350
	ABP 3350	3	4 1/8	⅝ x 4	#6–350
	ABP 4350	4	5	⅝ x 4	#6–350
	ABP 5350	5	5 15/16	⅝ x 4	#6–350
	ABP 6350	6	6 13/16	⅝ x 4	#6–350
	ABP 7350	7	7 3/4	⅝ x 4	#6–350
	ABP 8350	8	8 5/8	⅝ x 4	#6–350

Cat. No.	No. of outlets	Length (in.)	Stud size (in.)	Cable range (AWG or kcmil)
ABP 2500	2	3 5/8	¾ x 4 ½	#2–500
ABP 3500	3	4 5/8	¾ x 4 ½	#2–500
ABP 4500	4	5 5/8	¾ x 4 ½	#2–500
ABP 5500	5	6 5/8	¾ x 4 ½	#2–500
ABP 6500	6	7 5/8	¾ x 4 ½	#2–500
ABP 7500	7	8 5/8	¾ x 4 ½	#2–500
ABP 8500	8	9 5/8	¾ x 4 ½	#2–500
ABP 2750	2	4 ¼	¾ x 4 ½	1/0–750
ABP 3750	3	5 5/8	¾ x 4 ½	1/0–750
ABP 4750	4	6 15/16	¾ x 4 ½	1/0–750
ABP 5750	5	8 3/32	¾ x 4 ½	1/0–750
ABP 6750	6	9 5/8	¾ x 4 ½	1/0–750
ABP 7750	7	10 61/64	¾ x 4 ½	1/0–750
ABP 8750	8	12 5/16	¾ x 4 ½	1/0–750

Note: For special pin lengths and insulating boots, please consult your ABB representative.

- For installing pin sizes slightly different than the norm
- Made from high-strength aluminum alloy to maintain constant bolting pressure on conductors
- Screws designed for optimum electrical connection and maximum conductor-contact pressure
- Dual-rated for use with aluminum and copper conductors

Specialty aluminum overhead transformer eyebolt multi-tap set-screw connector

Cat. no.	No. of outlets	Length (in.)	Stud size (in.)	Cable range (AWG or kcmil)
ABP 3168	4	4 ¼	½	#6–250

Multi-tap eyebolt connectors

Overhead transformer eyebolt multi-tap set-screw connectors & adapters

- Made from high-strength aluminum alloy to maintain constant bolting pressure on conductors
- Screws designed for optimum electrical connection and maximum conductor-contact pressure
- Factory-mounted 90° angle copper studs install in pole-type transformers with secondary eyebolt connections
- Flood-Seal rubber insulation ensures a fully insulated, watertight connection
- Dual-rated for use with aluminum and copper conductors
- Meets or exceeds ANSI C119.4 specifications

Aluminum Flood-Seal overhead transformer eyebolt multi-tap set-screw connectors

Cat. no.	Conductor range (AWG or kcmil)	Outlets	Exposed pin size (in.)
RABP 4350	#12–350	4	½ x 2
RABP 5350	#12–350	5	½ x 2
RABP 6350	#12–350	6	½ x 2

Note: For oxide-inhibitor option, add "-C" suffix to the catalog number.

CEA 2 50

CEA 4 50

CEA 6 75

- Gain bolting pads for terminal assembly
- Made from tin-plated copper to provide high conductivity and resist corrosion
- Dual-rated to accept copper or aluminum one-hole terminals and two-hole NEMA-drilled terminals

Tin-plated overhead transformer eyebolt adapters

Diagrams	Cat. no.	Fig. No.	Pin diameter (in.)	Exposed pin size (in.)
	CEA 2 50	1	½	2⅝
	CEA 4 50	2	½	2¼
	CEA 4 75	2	¾	2¾
	CEA 6 50	3	½	2¼
	CEA 6 75	3	¾	2¾
	CEA 6 100	3	1	2¾

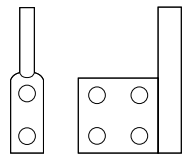


Fig. 1 Fig. 2

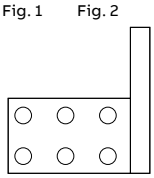


Fig. 3

Note: All bolt holes are 9⁄16" spaced on 1¾" centers. For special pin lengths, please consult your ABB representative.

Storm-Safe service entrance disconnects

Storm-Safe breakaway service entrance kits – Two and three service

SS 2 K

SS 3 K

Mechanical breakaway link separates service at the pole to prevent damage to utility equipment and customer premises.

- Downed-line safety – separates at the pole, not the weatherhead, so the line always comes down de-energized
- Crew safety – the correction is made well below the high-voltage bushings, making it safer for crews to work during a storm outage
- Quick restoration of power by simply replacing the mechanical breakaway link and re-inserting the contacts
- Disconnect service without pulling the meter
- Internal O-ring prevents moisture ingress into the contact, and external Flood-Seal insulating rockets seal the entire system from the elements
- Dual-rated for use with aluminum and copper conductors
- Meets ANSI C119.4-2004 specifications

Breakaway service entrance kits

Cat. no.	Contact block	Assembly	Insulating rockets	½–13 Bolts
SS 2 K – Two-service base kit				
SS 2 K	1	(1) U-bolt	(2) Flood-Seal	3
SS 3 K – Three-service base kit				
SS 3 K	1	(1) U-bolt	(2) Flood-Seal	3

SS 2 K requires two SSP pin kits (right).
SS 3 K requires three SSP pin kits (right).

SSP 1/0 FN 500 K

Pin kits

Cat. no.	Triplex block (AWG)	Neutral assembly	Breakaway force (lbs)
SSP 1/0 FN 500 K	1/0, 1/0, 1/0 ACSR	Full neutral	500
SSP 1/0 FN 750 K	1/0, 1/0, 1/0 ACSR	Full neutral	750
SSP 1/0 RN 500 K	1/0, 1/0, #2	Reduced neutral	500
SSP 1/0 RN 750 K	1/0, 1/0, #2	Reduced neutral	750
SSP 2 FN 500 K	#2, #2, #2	Full neutral	500
SSP 2 FN 750 K	#2, #2, #2	Full neutral	750
SSP 2 RN 500 K	#2, #2, #4	Reduced neutral	500
SSP 2 RN 750 K	#2, #2, #4	Reduced neutral	750
SSP 4 FN 500 K	#4, #4, #4	Full neutral	500
SSP 4 FN 750 K	#4, #4, #4	Full neutral	750
SSP 4 RN 500 K	#4, #4, #6	Reduced neutral	500
SSP 4 RN 750 K	#4, #4, #6	Reduced neutral	750

Note: Kit consists of two pin terminals, one neutral pin terminal, one SSL Link Kit (breakaway link and bail) and two Flood-Seal insulating rockets. Three pin kits are required for a three-service base kit and two pin kits are required for a two-service base kit.

Storm-Safe service entrance disconnects

Storm-Safe breakaway service entrance kits – Single service

SS1 4 FN 750 K

Mechanical breakaway link separates service at the pole to prevent damage to utility equipment and customer premises.

- Downed-line safety – separates at the pole, not the weatherhead, so the line always comes down de-energized
- Crew safety – the correction is made well below the high-voltage bushings, making it safer for crews to work during a storm outage
- Quick restoration of power by simply replacing the mechanical breakaway link and re-inserting the contacts
- Disconnect service without pulling the meter
- Internal O-ring prevents moisture ingress into the contact, and external Flood-Seal insulating rockets seal the entire system from the elements
- Dual-rated for use with aluminum and copper conductors
- Meets ANSI C119.4-2004 specifications

Breakaway service entrance kits

Cat. no.	Triplex block (AWG)	Neutral assembly	Breakaway force (lbs)
SS1 1/0 FN 500 K	1/0, 1/0, 1/0 ACSR	Full neutral	500
SS1 1/0 FN 750 K	1/0, 1/0, 1/0 ACSR	Full neutral	750
SS1 1/0 RN 500 K	1/0, 1/0, #2	Reduced neutral	500
SS1 1/0 RN 750 K	1/0, 1/0, #2	Reduced neutral	750
SS1 2 FN 750 K	#2, #2, #2	Full neutral	500
SS1 2 FN 500 K	#2, #2, #2	Full neutral	750
SS1 2 RN 750 K	#2, #2, #4	Reduced neutral	500
SS1 2 RN 500 K	#2, #2, #4	Reduced neutral	750
SS1 4 FN 500 K	#4, #4, #4	Full neutral	500
SS1 4 FN 750 K	#4, #4, #4	Full neutral	750
SS1 4 RN 500 K	#4, #4, #6	Reduced neutral	500
SS1 4 RN 750 K	#4, #4, #6	Reduced neutral	750

Note: Kit consists of two sockets, one neutral socket, two pin terminals, one neutral pin terminal, one SSL Link Kit (breakaway link and bail), two Flood-Seal insulating splice covers and one Flood-Seal insulating rocket.

SSL 750 K

SSL – Link kits

Cat. no.	Breakaway force (lbs)
SSL 500 K	500
SSL 750 K	750

Note: Kit consists of one breakaway link and one bail.

Service wedges and neutral span clamps

W™ aluminum and stainless steel service wedge clamp

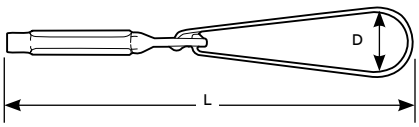
Dead-end self-supporting drop wire.

- Drop wire may be cut to exact length for adjustments in drop wire sag
- Can be attached to bare neutral at any point in the span
- Flexible and rigid aluminum bails grip ACSR, AAC and AAAC conductors
- Rigid stainless steel bail grips copper neutral conductors

W aluminum and stainless steel service wedge clamps

Cat. no.	Description	Conductor range (AWG) ACSR	Al	AAAC	Cu	Dimensions (in.) D	L	Typical tensile values Conductor	Value (lb)	Color Code
W62–1	W-1 Series aluminum wedge and slider	#2–#6	#1 str.– #6 sol.	#2–#6	–	2⅜	12	26/1 ACSR	1,200	Orange
W62–1 FC		#2–#6	#1 str.– #6 sol.	#2–#6	–	flex.	17½	26/1 ACSR	1,200	
W20–1		1/0–#4	2/0 str.– #2 sol.	1/0–#4	–	2⅜	12½	1/06/1 ACSR	1,800	Blue
W20–1 FC		1/0–#4	2/0 str.– #2 sol.	1/0–#4	–	flex.	18½	1/06/1 ACSR	1,800	
W40–1*		4/0–2/0	4/0 str.– 2/0 sol.	4/0–2/0	–	2⅜	12¾	4/06/1 ACSR	1,900	Red
W40–1 FC*		4/0–2/0	4/0 str.– 2/0 sol.	4/0–2/0	–	flex.	18½	4/06/1 ACSR	1,900	
W62–1 B†	W-1B Series iridite aluminum wedge and slider	2–#6	#1 str.– #6 sol.	#2–#6	–	2⅜	12	26/1 ACSR	1,200	Orange
W62–1 BFC†		2–#6	#1 str.– #6 sol.	#2–#6	–	flex.	17½	26/1 ACSR	1,200	
W20–1 B†		1/0–#4	2/0 str.– #2 sol.	1/0–#4	–	2⅜	12½	1/06/1 ACSR	1,800	Blue
W20–1 BFC†		1/0–#4	2/0 str.– #2 sol.	1/0–#4	–	flex.	18½	1/06/1 ACSR	1,800	
W40–1 B*†		4/0–2/0	4/0 str.– 2/0 sol.	4/0–2/0	–	2⅜	12¾	4/06/1 ACSR	1,900	Red
W40–1 BFC*†		4/0–2/0	4/0 str.– 2/0 sol.	4/0–2/0	–	flex.	18½	4/06/1 ACSR	1,900	
W62D	W Series stainless steel wedge and slider	–	–	–	#2 str.– #6 sol.	2⅜	12	#2–#7 str. AAC	1,300	Orange

Diagram



* W40 series clamps rated 850 lb ultimate tension for 1/0 ACSR, AL or AAAC.
† For extremely corrosive areas.
Note: Catalog numbers with "FC" suffix have a flexible bail.

Service wedges and neutral span clamps

MS neutral span clamp

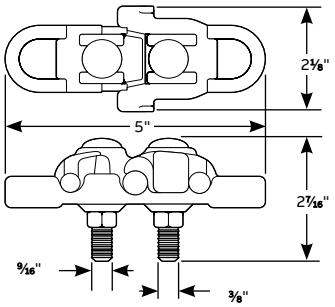
House not adjacent to a pole?
This is the span clamp you need.

- A combination aerial cable-neutral parallel-groove connector and dead-ending clamp
- Accommodates up to four service drops
- Taps may be installed later, independent of existing connections
- High-strength, one-piece construction
- Castings are of high-strength aluminum alloy
- Hardware is made of galvanized steel

MS neutral span clamp

			Conductor range	
	ACSR		AWG	
Cat. no.	Main	Tap	Main	Tap
MS4	4/0–#4	1/0–#6	4/0 str.–#2 sol.	1/0 str.–#6 sol.

Diagram



Aluminum H-tap connectors and covers

WR™ wide-range aluminum tap connectors

WR189 or OB101

WR259

For combinations of aluminum-to-aluminum and aluminum-to-copper conductors.

- Made of 1350 aluminum alloy for high strength and high conductivity
- Standard compression tools and dies install all sizes – no special tools needed
- Field-proven ribbed design enables excellent connector/conductor contact without distorting the conductor's shape
- Fold-in tabs provide positive tab interlock as tool closes
- Prefilled with oxide inhibitor held captive in the rib/connection area
- RUS Accepted
- Complies with ANSI C119.4 specifications

WR O and D die seven-connector program

		Conductor range (AWG or kcmil)														
		Standard conductor						Compact conductor				Diameter (in.)				
		Main					Tap	Main		Tap		Main		Tap		
Cat. no.	Connector number	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)
WR159 OR OB 44	1	#2, #4, #6	#1, #2, #3, #4, #6	#2, #4, #6	#2, #4, #6	#1, #2, #3, #4, #6	#2, #4, #6	#1, #2, #4, #6	#1, #2, #3, #4, #6	#1, # 2, #4, #6	#1, #2, #3, #4, #6	0.332	0.162	0.332	0.162	1 7/16
OB 1																1 1/2
WR189 OR OB 101	2	1/0, #1, #2	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #2, #4, #6	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.419	0.266	0.332	0.162	1 11/16
OB 2																1 3/4
WR289 OR DB 202	3	2/0, 1/0	3/0, 2/0	4/0, 3/0	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #2, #4, #6	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.470	0.398	0.332	0.162	1 13/16
DB 3																1 7/8
WR279 OR DB 2020	4	2/0, 1/0, #1	3/0, 2/0, 1/0	–	2/0, 1/0, #1	3/0, 2/0, 1/0	–	3/0, 2/0, 1/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	0.470	0.336	0.470	0.336	1 13/16
WR379 OR DB 404	5	4/0, 3/0	4/0	–	#2, #4, #6	#1, #2, #3, #4, #6	1/0, #1, #2, #4, #6	266 18/1, 250, 4/0	266, 250, 4/0	#1, #2, #4, #6	#1, #2, #3, #4, #6	0.563	0.475	0.332	0.162	1 13/16
DB 5																1 7/8
WR399 OR DB 4020	6	4/0, 3/0	4/0, 3/0	–	2/0, 1/0, #1	2/0, 1/0	3/0, 2/0	266 18/1, 4/0, 3/0	266, 250, 4/0	2/0, 1/0	3/0, 2/0, 1/0	0.563	0.461	0.447	0.338	2 3/16
DB 6																2 1/2
WR419 OR DB 4040	7	4/0, 3/0	4/0, 3/0	–	4/0, 3/0	4/0, 3/0	–	266 18/1, 4/0, 3/0	266, 250, 4/0	266 18/1, 4/0, 3/0	266, 250, 4/0	0.563	0.461	0.563	0.461	**2 7/16**
DB 7																2 1/2

Note: Connector numbers 1 and 2 use "O" die; 3–7 use "D" die.

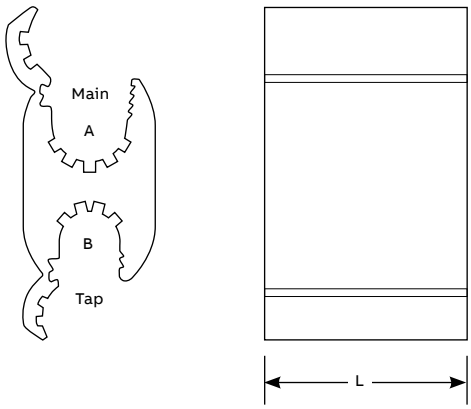
Aluminum H-tap connectors and covers

WR™ wide-range aluminum tap connectors (continued)

WR O and D die seven-connector program

	Conductor range (AWG or kcmil)										Diameter (in.)				
	Standard conductor						Compact conductor								
	Main			Tap			Main		Tap		Main		Tap		
Cat. no.	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)
WR149	#4, #6	#3, #4, #6	#2, #3, #4, #6	#4, #6	#3, #4, #6	#2, #3, #4, #6	#4, #6	#2, #3, #4, #6	#3, #4, #6	#2, #3, #4, #6	0.266	0.162	0.266	0.162	1½
WR179	1/0, #1, #2, #3	1/0, #1, #2	#1	#4, #6	#3, #4, #6	#2, #3, #4, #6	1/0, #1, #2	2/0, 1/0, #1, #2	#4, #6	#2, #3, #4, #6	0.398	0.266	0.266	0.162	1¾
WR199	1/0, #1, #2, #3	1/0, #1, #2	#1	#2, #3, #4	#1, #2, #3, #4	#1, #2	1/0, #1, #2	2/0, 1/0, #1, #2	#1, #2, #3, #4	#1, #2	0.398	0.266	0.332	0.232	1¾
WR1010 OR OB 1010	1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2, #3, #4	1/0, #1, #2	1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2, #3, #4	1/0, #1, #2	2/0, 1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2	2/0, 1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2	0.419	0.232	0.419	0.232	1¾
WR259	1/0, #1	2/0, 1/0	–	1/0, #1	2/0, 1/0	–	2/0, 1/0	2/0, 1/0	2/0, 1/0	2/0, 1/0	0.419	0.326	0.412	0.292	1⅞
WR299	2/0, 1/0	3/0, 2/0	–	#4, #6	#3, #4, #6	#2, #3, #4, #6	3/0, 2/0	3/0	#4, #6	#2, #3, #4, #6	0.470	0.398	0.266	0.162	1½
WR219	1/0, #1	1/0, #1	–	1/0, #1, #2	1/0, #1	–	1/0	2/0, 1/0	1/0	2/0, 1/0	0.398	0.324	0.398	0.316	1⅞
WR239	2/0, 1/0	2/0, 1/0	–	#2, #3, #4	#1, #2, #3	#1, #2	2/0, 1/0	4/0, 3/0	#1, #2, #3, #4	#1, #2	0.447	0.365	0.332	0.236	1⅞
WR229	2/0	3/0, 2/0	–	1/0, #1, #2	1/0, #1	–	3/0, 2/0	3/0	1/0, #1	2/0, 1/0	0.470	0.410	0.398	0.316	1⅞
WR269	2/0	2/0	–	2/0, 1/0	2/0, 1/0	–	2/0	3/0	2/0, 1/0	3/0, 2/0, 1/0	0.447	0.410	0.447	0.336	1⅞

Diagrams



Note: WR149–WR1010 use “O” connector die; all others use “D” connector die.
WR1010 and WR299 use four indents with a mechanical tool; all others use five indents.
All die connectors use two indents with a hydraulic tool.

Aluminum H-tap connectors and covers

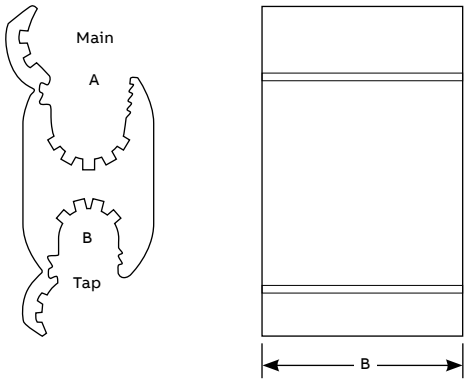
WR™ wide-range aluminum tap connectors (continued)

WR Connector

WR supplemental D connectors

	Conductor range (AWG or kcmil)														
	Standard conductor*						Compact conductor				Diameter (in.)				
	Main			Tap			Main		Tap		Main		Tap		
Cat. no.	ACSR	Str.	Sol.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)
WR319	3/0	3/0	–	#2, #3, #4	#1, #2, #3, #4	#1, #2	3/0	4/0	#1, #2, #3, #4	#1, #2	0.502	0.461	0.332	0.299	1⅞
WR339	3/0	3/0	–	2/0, 1/0, #1	2/0, 1/0	–	3/0	4/0	2/0, 1/0	3/0, 2/0, 1/0	0.502	0.461	0.447	0.336	2⅛
WR359	4/0, 3/0	4/0, 3/0	–	#4, #6	#3, #4, #6	#2, #3, #4, #6	266, 4/0, 3/0	266, 250, 4/0	1/0, #1, #2	1/0, #1, #2	0.563	0.461	0.266	0.162	1⅞
WR369	4/0, 3/0	4/0, 3/0	–	#1, #2, #3, #4	1/0, #1, #2, #3	#1	266, 4/0, 3/0	266, 250, 4/0	1/0, #1, #2	1/0, #1, #2	0.563	0.461	0.374	0.266	1⅞
WR369†	4/0, 3/0, 2/0	4/0, 3/0	–	1/0, #1, #2, #3, #4	1/0, #1, #2, #3, #4	1/0, #1, #2	266, 4/0, 3/0	266, 250, 4/0, 3/0	1/0, #1, #2, #3, #4	1/0, #1, #2	0.563	0.423	0.373	0.232	1⅞
WR389	4/0, 3/0	4/0, 3/0	–	2/0, 1/0	3/0, 2/0	–	266, 4/0, 3/0	266, 250, 4/0	3/0, 2/0	3/0, 2/0	0.563	0.461	0.470	0.376	2 3⁄16
WR389†	4/0, 3/0, 2/0	4/0, 3/0	–	2/0, 1/0, #1	3/0, 2/0, 1/0	–	266, 4/0, 3/0	266, 250, 4/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	0.563	0.423	0.470	0.336	2 3⁄16

Diagrams



* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed). † Conductor range possible only when crimped with a hydraulic tool. Note: WR359 and WR369 use four indents with a mechanical tool; WR319 uses five indents with a mechanical tool; W339 and WR389 use six indents with a mechanical tool. WR369 can also use five indents with a mechanical tool. All die connectors use two indents with a hydraulic tool.

Aluminum H-tap connectors and covers

WR™ wide-range aluminum tap connectors (continued)

WR715

WR N die tap connectors

	Conductor range (AWG or kcmil)									Diameter (in.)				
	Standard conductor*					Compact conductor								
	Main		Tap			Main		Tap		Main		Tap		
Cat. no.	ACSR	Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)
WR715	397[18]⅛, 336, 266	400, 397, 350, 336, 300, 266, 250	2/0, 1/0, #1, #2, #3, #4, #6	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	477, 397, 336	500, 477, 397, 350	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	0.753	0.502	0.447	0.162	2
WR775	397[18]⅛, 336, 266, 4/0	400, 397, 350, 336, 300, 266, 250, 4/0	397[18]⅛, 336, 266, 4/0	400, 397, 350, 336, 300, 266, 250, 4/0	–	477, 397, 336, 266	500, 477, 397, 350, 336, 300, 266, 250	477, 397, 336, 266	500, 477, 397, 336, 300, 266, 250	0.743	0.502	0.743	0.520	3
WR815	477[18]⅛, 397, 336, 266, 4/0	556, 500, 400, 397, 350, 336, 300, 266, 250	2/0, 1/0, #1, #2, #3, #4, #6	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1 #2, #3, #4, #6	556, 477, 397, 336, 266	556, 477, 397, 336, 266, 250	2/0, 1/0, #1, #2, #3, #4, #6	3/0, 2/0, 1/0, #1, #2, #3, #4, #6	0.858	0.502	0.447	0.162	2
WR835 OR NB 50040	477[18]⅛, 397, 336, 266, 4/0	556, 500, 400, 397, 350, 336, 300, 266, 250	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 266, 250	266, 4/0, 3/0, 2/0	250, 4/0, 3/0	0.858	0.502	0.563	0.368	2
WR875†	477[18]⅛, 397, 336, 266, 4/0	556, 500, 400, 397, 350, 336, 300, 266, 250	477[18]⅛ 266	350, 336, 300, 266, 250	397, 366	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 336, 300	397, 336, 266	400, 397, 350, 336, 300, 266, 250	0.858	0.502	0.684	0.520	3
WR885 OR NB 500	477[18]⅛, 397, 336, 266, 4/0	500, 400, 397, 350, 336, 300, 266, 250, 4/0	477[18]⅛, 397, 336, 266, 4/0	500, 400, 397, 350, 336, 300, 266, 250, 4/0	–	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 266, 250	556, 477, 397, 336, 266	556, 477, 397, 350, 336, 300, 266, 250	0.814	0.502	0.814	0.520	3

Diagrams

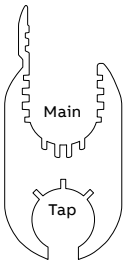


Fig. 1

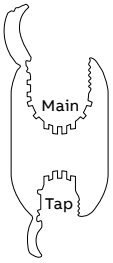
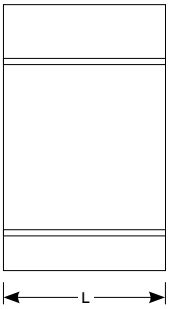


Fig. 2



* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed). † See Fig. 2. Note: All die connectors can be used with Blackburn JB12A, JB12B, 12A and Y-35 tools. All die connectors are for use with hydraulic tools, 12-ton and greater. WR715, WR815 and WR835 use two indents with a hydraulic tool; all others use three indents.

Aluminum H-tap connectors and covers

WR™ wide-range aluminum tap connectors (continued)

WR699

WR N die tap connectors (continued)

		Conductor range (AWG or kcmil)													
		Standard conductor*					Compact conductor				Diameter (in.)				
		Main		Tap			Main		Tap		Main		Tap		
	Cat. no.	ACSR	Str.	ACSR	Str.	Sol.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)
Diagrams	WR699	397[18/1], 336, 266	400, 397, 350, 336, 300, 266, 250	#4, #6	#3, #4, #6	#2, #3, #4, #6	477, 397, 336	477, 397, 350, 336, 300	#4, #6	#2, #3, #4, #6	0.743	0.570	0.266	0.162	2
Fig. 1	WR719	397[18/1], 336, 266	400, 397, 350, 336, 300, 266, 250	2/0, 1/0, #1, #2, #3	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	477, 397, 336	477, 397, 350, 336, 300	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	0.743	0.570	0.447	0.289	2
Main / Tap	WR739	397[18/1] 336, 266	400, 397, 350, 336, 300, 266, 250	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0	4/0	477, 397, 336	477, 397, 350, 336, 300	266, 4/0, 3/0	266, 250, 4/0	0.743	0.570	0.563	0.398	2
Fig. 2	WR779	397[18/1], 336, 266	400, 397, 350, 336, 300, 266, 250	397[18/1], 336, 266	400, 397, 350, 336, 266, 250	477, 397	477, 397, 336	477, 397, 350, 336, 300	477, 397, 336	477, 397, 336	0.743	0.570	0.743	0.570	3
Main / Tap	WR799	477[18/1], 266	500, 250	#4, #6	#3, #4, #6	#2, #3, #4, #6	477[18/1], 266	500, 250	#3, #4, #6	#2, #3, #4, #6	0.814	0.575	0.270	0.160	2
	WR819	477[18/1], 397, 336	556, 500, 477, 450, 400, 397, 350, 336	2/0, 1/0, #1, #2, #3	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	556, 477, 397	556, 477, 397	2/0, 1/0, #1, #2	3/0, 2/0, 1/0, #1	0.858	0.659	0.477	0.289	2
	WR839	477[18/1], 397, 336	556, 500, 477, 450, 400, 397, 350, 336	4/0, 3/0, 2/0	4/0, 3/0	4/0	556, 477, 397	556, 477, 397	266, 4/0, 3/0	266, 4/0, 3/0	0.858	0.659	0.563	0.477	2
	WR879†	477[18/1], 397, 336	556, 500, 477, 450, 400, 397, 350, 336	336[18/1], 266	350, 336, 300, 266	397	556, 477, 397	556, 477, 397	397, 336	397, 350, 336	0.858	0.659	0.684	0.593	3
L	WR889	477[18/1], 397, 336	500, 400, 397, 350, 336	477[18/1], 397, 336	500, 400, 397, 350, 336	–	556, 477, 397, 336	556, 477, 397, 350	556, 477, 397, 336	556, 477, 397, 350	0.814	0.666	0.814	0.666	3

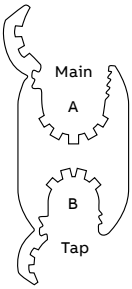
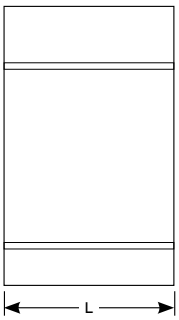
* Will accept conductors of the same wire sizes with a 3% reduction of diameter (compressed). † See Figure 2. Note: All die connectors can be used with Blackburn JB12A, JB12B, WH2, PH2, 12A and Y-35 tools. All die connectors are for use with hydraulic tools, 10-ton and greater. WR779, WR879 and WR889 use three indents with a hydraulic tool; all others use two indents.

Aluminum H-tap connectors and covers

WR™ wide-range aluminum tap connectors (continued)

WR909

WR R die tap connectors

		Conductor range (AWG or kcmil)												
		Standard conductor				Compact conductor				Diameter (in.)				
		Main		Tap		Main		Tap		Main		Tap		
	Cat. no.	ACSR	Str.	ACSR	Str.	ACSR	Str.	ACSR	Str.	Max.	Min.	Max.	Min.	Connector length (in.)
Diagrams	WR909	556[18/1], 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336	336[18/1], 266, 4/0, 3/0, 2/0, 1/0	350, 336, 266, 250, 4/0, 3/0, 2/0	636, 556, 477, 397	700, 636, 556, 500, 477, 450	397½, 336, 266, 4/0, 3/0, 2/0	397, 350, 336, 300, 266, 250, 4/0, 3/0	0.893	0.666	0.684	0.398	4¾
	WR929	556[18/1], 477,397, 336, 300	600, 556, 550, 500, 477, 450, 397, 350, 336	556[18/1], 477, 397 336, 300	600, 556, 550, 477, 450, 400, 397, 350, 336	636, 556, 477, 397	700, 636, 556, 500, 477, 450	636, 556, 477, 397	700, 636, 556, 477, 450	0.893	0.666	0.893	0.666	4¾
	WR949	795[26/7], 715, 666, 636, 605, 556, 477[30/7]	900, 874, 800, 795, 750, 715, 700, 636, 600	336[18/1], 266, 4/0, 3/0, 2/0, 1/0	350, 336, 266, 250, 4/0, 3/0, 2/0	954, 874, 795	1,000, 954, 874, 795, 750	397 [18/1], 336, 266, 4/0, 3/0, 2/0	397, 350, 336, 300, 266, 250, 4/0, 3/0	1.108	0.883	0.684	0.398	4¾
	WR969	795[26/7], 715, 666, 636, 605, 556, 477[30/7]	900, 874, 800, 795, 750, 715, 700, 636, 600	556[18/1], 477, 397, 336, 300	600, 556, 550, 500, 477, 450, 400, 397, 350, 336	954, 874, 795	1,000, 954, 874, 795	636, 556, 477, 397	700, 636, 556, 477, 450	1.108	0.883	0.893	0.666	4¾
	WR989	795[26/7], 715, 666, 636, 605, 556, 477[30/7]	900, 874, 800, 795, 750, 715, 700, 636, 600	795[26/7], 715, 666, 636, 605, 556, 477[30/7]	900, 874, 800, 795, 750, 715, 700, 636, 600	954, 874, 795	1,000, 954, 874, 795, 750	954, 874, 795	1,000, 954, 874, 795, 750	1.108	0.883	1.108	0.883	4¾
	WR999	954[45/7], 900, 874, 795, 715, 666	1,033, 1,000, 900, 800, 795, 750	954[45/7], 900, 874, 795, 750, 666	1033, 1,000, 900, 800, 795, 750	954, 900	1,000, 900	954, 900, 874	1,000, 900	1.172	0.997	1.172	0.994	4¾

Note: All die connectors can be used with Blackburn JB60A, JB60B, Y60, 60A and PH-3 tools.
All die connectors use four indents with a mechanical tool.

Aluminum H-tap connectors and covers

WR™ wide-range aluminum tap connectors (continued)

WR502

WR9

WR street lighting compression connectors

Cat. no.	Figure no.	Conductor range (AWG or kcmil) Standard conductor* Main ACSR	Main Str.	Main Sol.	Tap A Str.	Tap A Sol.	Tap B Str.	Tap B Sol.	Diameter (in.) Main Max.	Main Min.	Tap A Max.	Tap A Min.	Tap B Max.	Tap B Min.	Connector length (in.)
WR9	2	#3, #4, #6	#2, #3, #4, #6	#1, #2, #3, #4	#8, #10, #12, #14	#8, #10, #12, #14	–	–	0.292	0.184	0.146	0.064	–	–	13/16
WR139	1	1/0, #1, #2, #3, #4	2/0, 1/0, #1, #2, #3	#1, #2	#8, #10	#6, #8, #10	#12, #14	#12, #14	0.419	0.250	0.162	0.100	0.092	0.064	1 1/2
WR502	1	4/0, 3/0	4/0, 3/0	–	#8, #10	#6, #8, #10	#12, #14	#12, #14	0.563	0.461	0.162	0.100	0.092	0.064	1 1/2
WR502†	1	4/0, 3/0, 2/0, 1/0	4/0, 3/0, 2/0, 1/0	–	#8, #10	#6, #8, #10	#12, #14	#12, #14	0.563	0.365	0.162	0.100	0.092	0.064	1 1/2

Diagrams

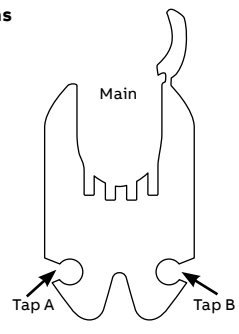


Fig. 1

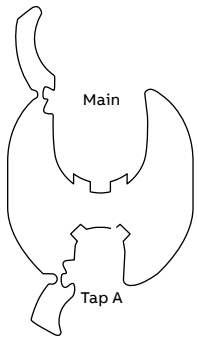
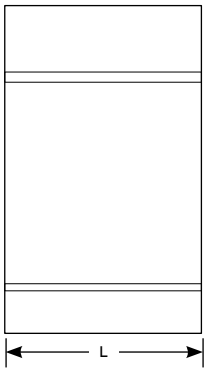


Fig. 2



* Will accept conductors of the same wire size with a 3% reduction of diameter (compressed).
† This range is possible only when crimped with a hydraulic tool.
Note: WR9 uses a 5/8" BG connector die; WR139 uses an "O" connector die; WR502 uses a "D" connector die.
WR9 uses three indents with a mechanical tool; all others use four indents.
WR139 and WR502 use two indents with a hydraulic tool.

Aluminum H-tap connectors and covers

Aluminum H-type compression connectors

Deadend aluminum, ACSR or aluminum-alloy conductors.

- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Connectors fully marked with installation and compression location information, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

		Standard conductor/ACSR/AAC (AWG or kcmil)												
		Main groove, "A" range				Tap groove, "B" range				Side grove, "C" range				
Cat. no.	Fig.	Groove "A" decimal range	ACSR	Str.	Sol.	Groove "B" decimal range	ACSR	Str.	Sol.	Groove "C" decimal range	Str.	Sol.	L (in.)	Die	Tap cvr.
UB 214	5	0.325–0.162	#2 7/1–#6 6/1	#2(7)–#6(7)	#1–#6	0.146–0.064	–	#8–#14	#7–#14	–	–	–	3/4	5/8 or BG	CO 20 B
OB 2014	6	0.447–0.292	2/0 6/1–#2 6/1	2/0(19)–#2(7)	–	0.146–0.064	–	#8–#14	#7–#14	–	–	–	3/4	O	CO 20 B
OB 22	4	0.325–0.162	#2 7/1–#6 6/1	#2(7)–#6(7)	#2–#6	0.325–0.162	#2 7/1–#6 6/1	#2(7)–#6(7)	#2–#6	0.148–0.062	#8–#14	#8–#14	1 1/2	O	CO 20 B
OB 103	1	0.398–0.162	1/0 6/1–#6 6/1	1/0(19)–#6(7)	#2–#6	0.332–0.162	#2 7/1–#6 6/1	#1(19)–#6(7)	#2–#6	–	–	–	1 1/2	O	CO 20 B
NB 60020	2	0.915–0.575	556.5 24/7–266.8 18/1	600(61)–250(37)	–	0.419–0.162	1/0 6/1–#6 6/1	2/0(19)–#2(7)	2/0–#6	–	–	–	2 1/8	N	CO 20 B
ZB 954	2	1.196–0.586	954 54/7–266.8 18/1	1000(61)–266.8(7)	–	1.196–0.568	954 54/7–266.8 18/1	1000(61)–266.8(7)	–	–	–	–	6	Z or R	–
ZB 95440	3	1.140–0.586	795 30/19–266.8 18/1	750(61)–266.8(7)	–	0.741–0.522	336.4 30/7–4/0 6/1	350(37)–4/0(7)	–	0.292–0.162	#2–#6	#2–#6	3	Z or R	–
ZB 95410	3	1.140–0.586	795 30/19–266.8 18/1	750(61)–266.8(7)	–	0.563–0.368	4/0 6/1–1/0 6/1	4/0(19)–1/0(7)	–	0.292–0.162	#2–#6	#2–#6	3	Z or R	–

Diagrams

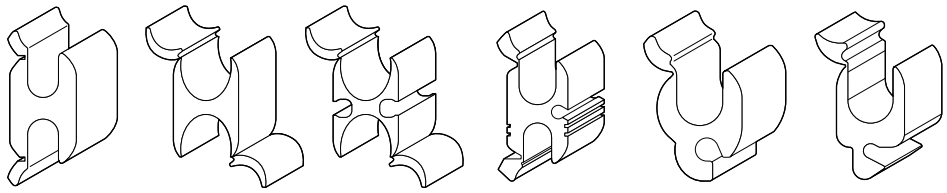


Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6

Note: For connector covers, see next page. Install with hydraulic tools only. Use UT 5 tool with "O" and "D" connector dies; use UT 15 tool with "O," "D," "N" or "Z" connector dies. For more information, please consult your ABB representative. For Kearney, use "O" and "D" connector dies with mechanical or hydraulic tools. For Burndy®, use "O" and "D-3" connector dies with mechanical or hydraulic tools; use "N," "Z" or "R" connector dies with hydraulic tools.

Aluminum H-tap connectors and covers

H-type connector covers

CO 20 B

CN 600 B

Secure double-locking latches provide a close-fitting top and bottom seal.

- Thin strips of the “grass skirt” mold around the conductors to provide a highly reliable end enclosure
- Tapered drains in both cover halves prevent accumulation of water within the cover, regardless of which half of the cover is down
- Made from black polypropylene to resist the elements, UV sun rays and common contaminants

H-type connector covers

Cat. no.	H (in.)	L (in.)	W (in.)
CO 20 B	2 1/4	4 1/2	1 5/8
CD 40 B	2 3/8	5 5/8	1 3/4
CN 600 B	2 15/16	6 7/8	2

Type C H-type compression connector covers

Cat. no.	Capacity (before compression)	H (in.)	L (in.)	W (in.)
C2BB	All 5/8" O.D. sleeves 2" long or less	1.10	4.00	1.05
C5BB	All O die taps 1.75" long or less	1.60	3.75	1.25
C7	All D die taps 2.5" long or less	1.80	5.00	1.45
C9	All N and D die taps 2" long or less	2.75	4.25	2.00
C9L	All N and D die taps 5" long or less	2.75	7.25	2.00

Copper H-tap connectors

Copper H-type compression connectors

Efficient design requires less crimping force.

- Made of pure electrolytic copper for high conductivity
- Full-length tab makes installation easy
- Installs with standard compression tools and dies
- RUS accepted

		Conductor range																		
		Standard conductor (AWG)*				Diameter (in.)*				Dimensional information (in.)			Installation information							
													Mechanical tools†					Hydraulic tools†		
		Main		Tap		Main		Tap												
Cat. no.	Fig. No.	Sol.	Str.	Sol.	Str.	Max.	Min.	Max.	Min.	H Min.	H 1	Connector Length	OD 58	Type O	MD Series	JB12A JB12B	H series	Y-35	TBM15/ Y42/Y46
CF44-1	1	#4, #6	#6	#4, #6, #8	#6	0.204	0.162	0.204	0.128	0.971	0.729	13⁄16	B, T, 5⁄8	B, T, 5⁄8	W-KB, W-BG	BKT	B	BKT, U-BG	BKT, U-B
CFS44-1	2	#4, #6	#6	#4, #6, #8	#8	0.204	0.162	0.204	0.128	0.864	0.743	13⁄16	B, T, 5⁄8	B, T, 5⁄8	W-KB, W-BG	BKT	BKT	BKT, U-BG	BKT, U-BG
CF22-1	1	#2, #4	#4	#2, #4	#4	0.258	0.204	0.258	0.204	1.162	0.813	13⁄16	K	K	W-KK	–	–	–	BKT
CFS22-1	2	#2, #4	#4	#2, #6	#6	0.258	0.204	0.258	0.162	1.017	0.842	13⁄16	K	K	W-KK	W-KK	BKT	BKT	BKT
CF102-1	1	–	1/0, #1, #2	#2, #4, #6	#4	0.373	0.292	0.258	0.162	1.54	1.1	27⁄32	–	–	–	O	O	O	O
CF1010-1	1	–	1/0, #1, #2	–	1/0, #1, #2	0.373	0.292	0.373	0.292	1.61	1.05	27⁄32	–	–	–	O	O	O	O
CF202-1	1	–	2/0, 1/0	–	2/0, 1/0, #1, #2	0.419	0.368	0.258	0.204	1.67	1.269	7⁄8	–	–	–	K-C	C	K-C	K-C
CF2020-1	1	–	2/0, 1/0	–	2/0, 1/0, #1, #2	0.419	0.368	0.414	0.292	1.74	1.22	7⁄8	–	–	–	K-C	C	K-C	K-C
CF402-1	1	–	4/0, 3/0, 2/0	#2, #4	#4	0.528	0.414	0.258	0.204	1.983	1.423	7⁄8	–	–	–	D∞	D∞	D∞	D∞
CF4010-1	1	–	4/0, 3/0, 2/0	–	1/0, #1, #2	0.528	0.414	0.373	0.292	1.992	1.423	1 1⁄8	–	–	–	D∞	D∞	D∞	D∞
CF4040-1	1	–	4/0, 3/0, 2/0	–	4/0, 3/0, 2/0	0.528	0.414	0.528	0.414	2.252	1.483	1 1⁄8	–	–	–	D∞	D∞	D∞	D∞

Diagrams

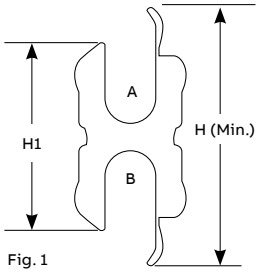


Fig. 1

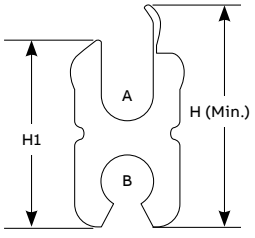


Fig. 2

* Decimal dimensions are for conventional conductor, not Copperweld® or Alumoweld®.† Use three indents with mechanical tools and one indent with hydraulic tools. At 15 ton/head, use appropriate die adapters. ∞ Blackburn "D" dies.

Stirrup connectors

WRQ and WRS stirrup connectors

WRS

WRQ

Protect main conductors from arcing damage.

- Guard main conductors against arcs – perfect for when hot line taps are installed
- Utilize standard WR connectors and plated copper bails for high conductivity and corrosion resistance

WRQ and WRS stirrup connectors

Figure 1 Cat. no.	Figure 2 Cat. no.	ACSR	AWG or kcmil	Conductor range Diameter (in.) Max.	Min.	Copper bail	Installation dies Mech.	Hyd.	Dimensions Type WRS (in.) L	H
WRQ154	WRS154	#2–#6	#1 str.–#6 sol.	0.332	0.162	#4 sol.	O	O	10	7/8
WRQ152	WRS152	#2–#6	#1 str.–#6 sol.	0.332	0.162	#2 sol.	O	O	10	7/8
WRQ172	WRS172	1/0–#3	1/0 str.–#1 sol.	0.398	0.281	#2 sol.	O	O	10	7/8
WRQ232	WRS232	2/0–1/0	2/0 str.–1/0 str.	0.447	0.368	#2 sol.	D	D	10	7/8
WRQ352	WRS352	4/0–3/0	4/0 str.–3/0 str.	0.563	0.46	#2 sol.	D	D	10	7/8
–	WRS719	397 18/1–266	400 str.–250 str.	0.743	0.6	2/0 sol.	–	N	12 1/4	3 3/16
–	WRS819	477 26/7–266	500 str.–336 str.	0.858	0.666	2/0 sol.	–	N	12 1/4	3 3/16
WRQ698	–	477 26/7–266	500 str.–250 str.	0.858	0.574	#2 sol.	–	N	12 1/4	3 3/16

Diagrams

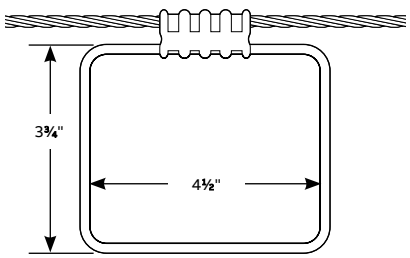


Fig. 1

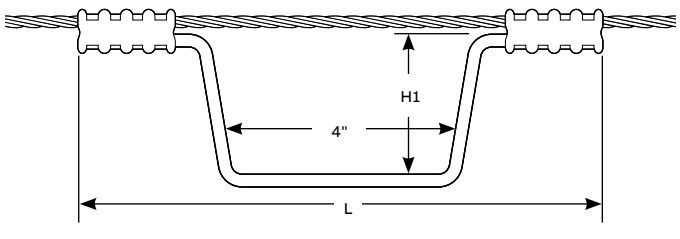


Fig. 2

* Decimal dimensions are for conventional conductor, not Copperweld® or Alumoweld®.

Stirrup connectors

SC and QC stirrup connectors

SCO

Aluminum conductor elements are designed to be preloaded for faster installation into hotstick tools.

- Use standard O, D and N dies – no special compression tools needed
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Bail made of tin-plated copper wire for high conductivity and corrosion resistance
- Wide range of stirrups fit #6 solid to 500 kcmil wire sizes
- Knurled design resists rotation

SC and QC stirrup connectors

Figure 1 Cat. no.	Figure 2 Cat. no.	ACSR	AWG or kcmil	Conductor range Diameter in.	Conductor range Diameter mm	Bail (tin plated) Size	Bail (tin plated) Dia. (mm)	Installation dies Mech.	Installation dies Hyd.	Dimensions (in.) L	Dimensions (in.) H1
QCO02	SCo02	#2–#6	#2 str.–#6 sol.	0.325–0.162	8.25–0.412	#2 sol.	6.35	O	O	8 3/4	3 1/8
QCO21	SCO21	2/0–#2	2/0 str.–#2 sol.	0.414–0.292	10.51–7.41	#2 sol.	6.35	O	O	8 3/4	3 1/8
QCD41	SCD41	4/0–3/0	4/0 str.–3/0 sol.	0.563–0.464	14.29–10.51	#2 sol.	6.35	D	–	8 3/4	3 1/8
QCN50	SCN50	47718/1–4/0	500–4/0 str.	0.814–0.528	20.66–13.40	1/0 sol.	6.22	–	N	11	3 11/16

Diagrams

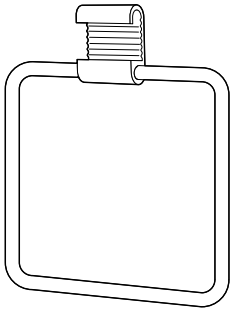


Fig. 1

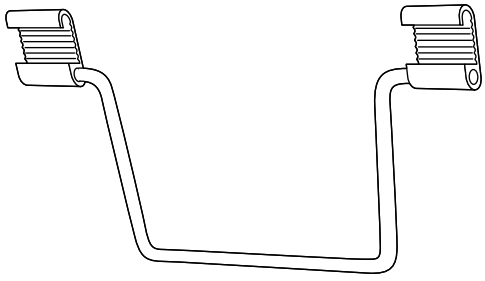
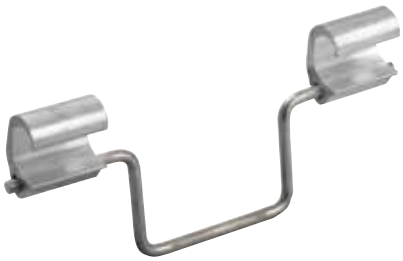


Fig. 2

Stirrup connectors

Anti-rotational hot-line stirrups

NC 60010



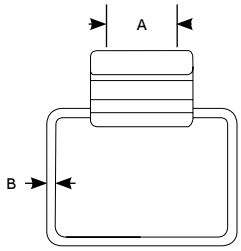
NST 60010

Protect conductors from arc and mechanical damage where hot line clamps are used.

- For aluminum, AAAC and ACSR conductors
- Can be pre-loaded into a hotstick installing tool, hooked over the line and compressed
- Connector is made from aluminum, and factory-installed bail is tin-plated solid copper for high conductivity and corrosion resistance
- Diamond knurling at tap connections and in the hot-line clamping area improve both mechanical and electrical performance
- Connectors prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All connectors marked with wire size, installation die codes and compression locations, providing easy identification for easy installation

C-type stirrups

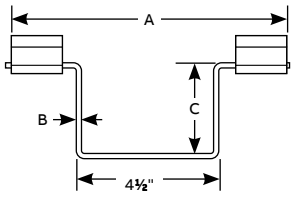
Diagram



Cat. no.	Conductor size (AWG or kcmil) ACSR	Str.	Sol.	A (in.)	B (in.)	Die
OC 42	#4	#4	#6–#4	1 7/8	2	O
OC 22	#4–#2	#4–#2	#2	1 7/8	2	O
OC 102	#4–1/0	#2–1/0	–	1 7/8	2	O
DC 402	3/0–4/0	3/0–4/0	–	2 3/4	2	D
NC 40010	266.8 (18/1)–397.5 (18/1)	250 (37)–400 (37)	–	2 1/8	1/0	N
NC 60010	397.5 (18/1)–556.5 (18/1)	477–600	–	2 1/8	1/0	N

Crank-type stirrups

Diagram

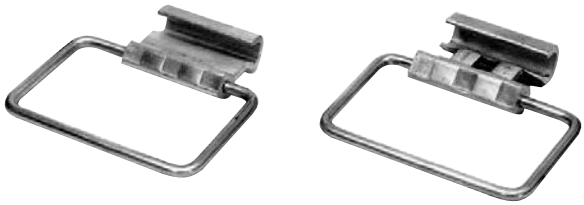


Cat. no.	Conductor size (AWG or kcmil) ACSR	Str.	Sol.	A (in.)	B (in.)	Die
OST 42	#4	#6 sol.–#4	10	2	2 3/4	O
OST 22	#4–#2	#4–#2	10	2	2 3/4	O
OST 102	#4–1/0	#2–1/0	10	2	2 3/4	O
OB 103 ST	#6–1/0	#6–1/0	9 1/2	2	2 3/4	O
DST 402	3/0–4/0	3/0–4/0	10	2	2 3/4	D
NST 40010	266.8 (18/1)–397.5 (18/1)	250 (37)–400 (37)	12	1/0	2 7/8	N
NST 60010	397.5 (26/7)–556.5 (18/1)	477–600	12	1/0	2 7/8	N
DB 404 ST*	3/0–4/0	3/0–4/0	12	2	2 3/4	D
NB 50040 ST*	4/0–477 (18/1)	4/0–500	10	2/0	2 7/8	N

* Designates H-tap Fig..

Stirrup connectors

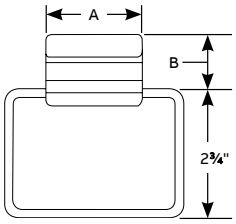
Anti-rotational Paltrap™ hot-line stirrups & copper tin-plated bails



Protect aluminum and ACSR main conductors from arc and mechanical damage where hot-line clamps are used.

- For aluminum, 5005, AAAC and ACSR conductors
- Can be pre-loaded into a hotstick installing tool, hooked over the line and compressed
- Paltrap connector is made from aluminum, and factory-installed bail is tin-plated solid copper for high conductivity and corrosion resistance
- Connectors prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All connectors marked with wire size, installation die codes and compression locations, providing easy identification for easy installation

Anti-rotational Paltrap hot-line stirrups

Diagram	Cat. no.	Main conductor (AWG) Sol.	Str.	ASCR	A (in.)	B (in.)	Installing die
	QH 6 S	#4 and #6	#6	#6	2 1/16	1	TQ, 12, ½,
	QH 4 S	#2	#4	#4	2 1/16	1	42
	SH 2 S	–	#2	#2	2 3/8	1 3/16	45, TS, 13, 9/16

Note: Bails may be ordered separately for field assembly of stirrups using Paltrap connectors.
Specify catalog number HLB 2 for #2 tinned solid copper bail or catalog number HLB 10 for 1/0 tinned solid copper bail.

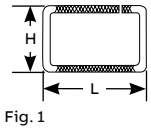
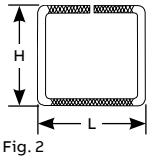
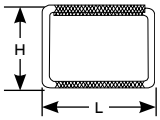
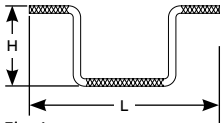
S 4425

HLB 2

Designed for distribution service connections with standard hotsticks.

- Choose from seven bail types, all handling either #2 or 1/0 conductor sizes
- Tin plated to resist corrosion

Copper tin-plated bails

Diagrams	Cat. no.	Size (AWG)	Fig.	H (in.)	L (in.)
 Fig. 1	HLB 2	#2	1	2 3/8	4 1/4
	HLB 10	1/0	1	2 3/4	4 3/8
 Fig. 2	S 4425*	#2	2	4	4 1/4
	S 4425-1/0	1/0	2	4	4 1/4
	OL 4425	#2	3	3 1/8	4 1/4
	HLCB 2	#2	4	2 3/4	4 1/2
 Fig. 3					
 Fig. 4					

* S 4425 is split in the center and recommended for H-type connector applications.

Stirrup connectors

CCS compression stirrup & LP compression line protector sleeves

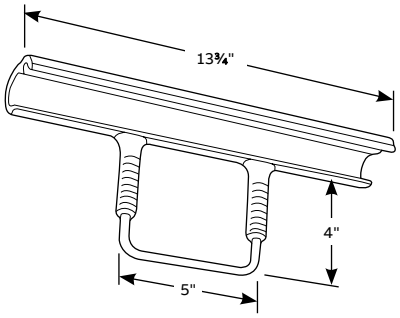
CCS compression stirrup

The single-piece stirrup for a large, workhorse conductor.

- Bail made of tin-plated copper wire for high conductivity and corrosion resistance
- Use U or 6024 dies – no special compression tools needed

	Conductor range		
	kcmil	Diameter (in.)	
Cat. no.	Max.–min.	Max.–min.	Copper bail tin plated
CCS44	800–636 str.	1.032–0.918	2/0 sol.

Diagram



LP10

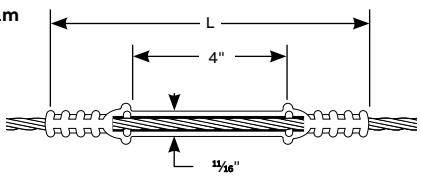
LP compression line protector sleeves

Covers and protects conductors from arcing when line clamps are attached or disconnected.

- Fit #4, #2 and 1/0 conductors
- Feature a hot-line clamp-bearing surface measuring 11⁄16" diameter by 4" long
- Use 5⁄8", BG and G dies – no special compression tools needed

			Diameter (in.)			
Cat. no.	ACSR	AWG	Max.	Min.	Length (in.)	Installing dies
LP4	#4	#4	0.257	0.232	8	5⁄8 Peach, BG, G
LP2	#2	#2	0.316	0.292	8	5⁄8 Peach, BG, G
LP10	1/0	1/0	0.398	0.373	8	O

Diagram



Hot line clamp bearing surface:
11⁄16" dia. x 4" length

Parallel-groove connectors

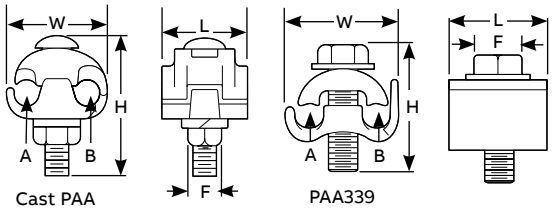
Aluminum parallel-groove clamps

PAA one- and two-bolt aluminum parallel-groove clamps

- Galvanized steel carriage bolt, nut and lockwasher included
- Dual-rated for use on aluminum, ACSR and copper conductors
- Available prefilled with oxide inhibitor to prevent oxidation on copper-to-aluminum connections

Standard Cat. no.	Prefilled Cat. no.	Conductor range (AWG or kcmil) Main ACSR	Main Al/Cu	Tap ASCR	Tap Al/Cu	Conductor diameter (in.) Main Max.	Main Min.	Tap Max.	Tap Min.	Dimensions (in.) F	H	L	W	Bolt size
–	PAA29	#2–#6	#2 str.–#6 sol.	#2–#6	#2 str.–#6 sol.	0.316	0.162	0.316	0.162	9/16	1 13/16	1 13/32	1 3/8	5/16
–	PAA339	1/0–#6	1/0 str.–#6 sol.	1/0–#6	1/0 str.–#6 sol.	0.398	0.162	0.398	0.162	9/16	1 9/16	1 1/4	1 1/2	3/8
PAA4	PAA49	1/0–#6	1/0 str.–#6 sol.	1/0–#6	1/0 str.–#6 sol.	0.398	0.162	0.398	0.162	9/16	2 7/32	1 3/16	1 1/2	3/8
PAA5	PAA59	1/0–#8	1/0 str.–#8 sol.	1/0–#8	1/0 str.–#8 sol.	0.398	0.128	0.398	0.128	9/16	2 7/32	1 11/32	1 1/2	3/8
PAA6	PAA69	1/0–#8	2/0 str.–#8 sol.	1/0–#8	2/0 str.–#8 sol.	0.414	0.128	0.414	0.128	9/16	2 7/32	1 3/8	1 5/8	3/8
PAA10*	PAA109	336.4–1/0, 1/0–#6 AR	400–1/0 str., 1/0–#6 AR	1/0–#8	1/0 str.–#8 sol.	0.741	0.368	0.398	0.128	9/16	2 15/32	2	1 3/4	3/8
PAA12	PAA129	4/0–#2	4/0 str.–#2 sol.	4/0–#2	4/0 str.–#2 sol.	0.563	0.258	0.563	0.258	3/4	2 1/4	2	2	1/2
PAA400†	PAA4009†	336.4–1/0, 1/0–#6 AR	400–1/0 str., 1/0–#6 AR	336.4–1/0	400–1/0 str.	0.741	0.368	0.741	0.368	3/4	3 1/4	3 3/4	2 1/2	1/2

Diagrams



Cast PAA PAA339

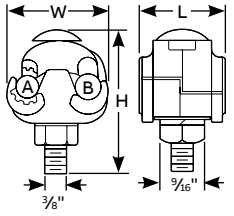
* RUS listed. † PAA400 and PAA4009 are two bolt clamps. AR = Over armor rod. Note: For hex-head bolt option, add "-3" suffix to the catalog number.

PAC Aluminum parallel-groove clamps with copper liner

- Pressure-cast aluminum body effectively seals out moisture and resists corrosion
- Clamp separates conductors to reduce the possibility of galvanic corrosion

Standard Cat. no.	Prefilled Cat. no.	Conductor range (AWG or kcmil) Main ACSR	Main Al	Tap Cu	Conductor diameter (in.) Main	Tap	Dimensions (in.) H	W	L
PAC345	PAC3459	1/0–#8	1/0 str.–#8 sol.	1/0 str.–#8 sol.	0.398–0.128	0.373–0.128	2 7/32	1 17/32	1 1/4
PAC7*	PAC79	336.4–1/0, 1/0–#6 AR	400–2/0 str., 1/0–#6 AR	1/0 str.–#8 sol.	0.741–0.398	0.373–0.128	2 15/32	1 5/8	1 7/8

Diagrams



* RUS Listed. Note: For hex-head bolt option, add "-3" suffix to the catalog number.

Parallel-groove connectors

PAE parallel-extruded type groove clamps

PAE parallel-extruded type groove clamps

- Galvanized steel hardware provides high strength for heavy-duty applications
- Install with live line tools you already have
- Dual-rated for aluminum-to-copper connections
- Prefilled with oxide inhibitor ("-9" suffix in chart) to prevent oxidation on copper-to-aluminum connections

			Conductor diameter											Galvanized aluminum	
	Conductor range (AWG or kcmil)		Main		Tap			Dimensions (in)							
Cat. no.	Main	Tap	Max.	Min.	Max.	Min.	Fig.	H	W	L	F	B	A	Steel bolt thd. size	Bolt thd. size
PAE-335-79	1/0 str.–#6 sol.	1/0 str.–#6 sol.	0.398	0.162	0.398	0.162	1	1 9/16	1 1/2	1 1/4	9/16	–	–	3/8–16 UNC	3/8–16 UNC
PAE-2121-9*	2/0 ACSR–#6 sol., #6 AR	2/0 ACSR–#6 sol., #6 AR	0.447	0.162	0.447	0.162	1	2	1 5/8	1 3/8	9/16	7/8	–	3/8–16 UNC	3/8–16 UNC
PAE-2121X-79	2/0 ACSR–#6 sol., #6 AR	2/0 ACSR–#6 sol., #6 AR	0.447	0.162	0.447	0.162	1	2	1 5/8	1 3/8	9/16	7/8	–	–	3/8–16 UNC
PAE-4141-9*	4/0 ACSR–#2 sol., #4–#6 AR	4/0 ACSR–#2 sol., #4–#6 AR	0.563	0.258	0.563	0.258	1	2	2	1 3/8	9/16	1/8	–	3/8–16 UNC	3/8–16 UNC
PAE-3921-9-2	397.5 ACSR–3/0 str., 2/0–#6 AR	2/0 str.–#6 sol., #6 AR	0.743	0.464	0.414	0.162	2	2 9/16	2 1/4	1 5/8	3/4	1 1/8	–	1/2–13 UNC	1/2–13 UNC
PAE-9941-9	1000–397.5 ACSR, 336.4–2/0 AR	4/0 ACSR–#2 sol., #4–#6 AR	1.152	0.743	0.563	0.258	3	21 3/16	25 9/64	2 1/4	3/4	–	–	1/2–13 UNC	1/2–13 UNC
PAE-3931-9-2	397.5 ACSR–3/0 str., 2/0–#6 AR	3/0 ACSR–2 str., #6 AR	0.743	0.464	0.502	0.292	4	2 9/16	2 5/16	3 3/8	3/4	–	1 3/4	1/2–13 UNC	1/2–13 UNC
PAE-3939-9-2	397.5 ACSR–3/0 str., 2/0–#6 AR	397.5 ACSR–3/0 str., 2/0–#6 AR	0.743	0.464	0.743	0.464	5	2 9/16	2 9/16	3 3/8	3/4	–	1 7/8	1/2–13 UNC	5/8–11 UNC
PAE-9921-9	1000–397.5 ACSR, 336.4–2/0 AR	2/0 str.–#6 sol., #6 AR	1.152	0.743	0.414	0.162	3	2 13/16	2 3/16	2 1/4	3/4	–	–	1/2–13 UNC	5/8–11 UNC
PAE-9939-9	1000–397.5 ACSR, 336.4–2/0 AR	397.5 ACSR–3/0 str., 2/0–#6 AR	1.152	0.743	0.743	0.464	4	2 13/16	3 7/64	3 1/2	3/4	–	1 1/2	1/2–13 UNC	5/8–11 UNC
PAE-9999-9	1000–397.5 ACSR, 336.4–2/0 AR	1000–397.5 ACSR, 336.4–2/0 AR	1.152	0.743	1.152	0.743	6	2 13/16	3 1/2	6	3/4	–	2	1/2–13 UNC	5/8–11 UNC

Diagrams

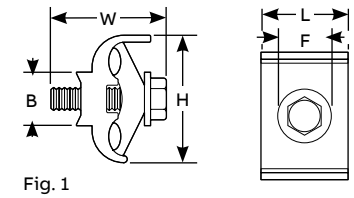


Fig. 1

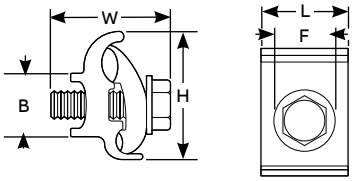


Fig. 2

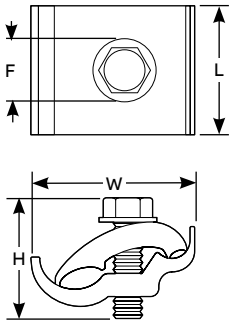


Fig. 3

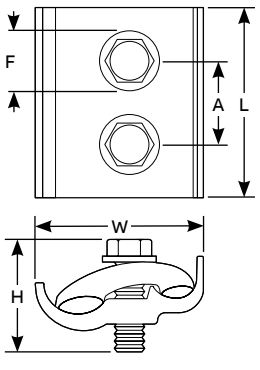


Fig. 4

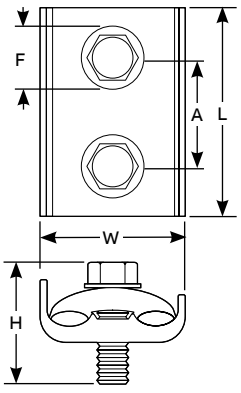


Fig. 5

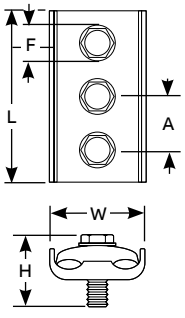


Fig. 6

* RUS accepted. AR = Over armor rod.
Note: For aluminum-hardware option, add "-7" suffix to the catalog number. For tin-plating option, add "-P" suffix to the catalog number.
For wax-dip option that provides oxide protection for aluminum-to-aluminum connections, add "-6" suffix to the catalog number.

Parallel-groove connectors

K series jumper clamps

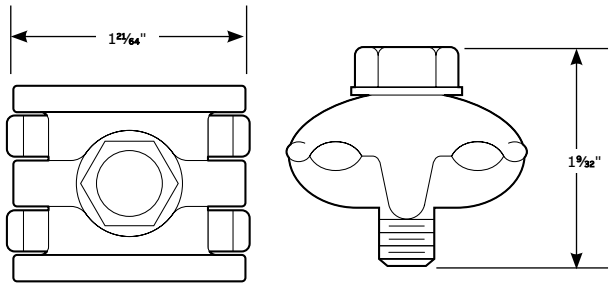
These jumper clamps are sized right for #8 solid copper to 1/0 ACSR or 2/0 copper.

- Made of copper alloy for high strength and durability
- Silicon-bronze hex-head washer bolt ensures a super-secure fitting
- Parallel-groove design eliminates the need to remove the bolt for installation
- Available unplated, plated or with plating in one groove – choose the model that works best with your wiring

Jumper clamp

	Plated groove (AWG)		Copper groove (AWG)		Both grooves plated (AWG)			
Cat. no.	**Max.**	**Min.**	**Max.**	**Min.**	**Max.**	**Min.**	**Both grooves unplated (AWG)**	
With one plated and one copper groove								
K1[1]	1/0 ASCR, #2 SCG Amerductor, 7/16 galv. strand	#6 ACSR, #12 SCG Amerductor, #8 solid iron	2/0 str. copper, 7/16 Copperweld*, 2A Copperweld	#8 solid copper, #9–12D Copperweld, etc.	–	–	–	–
With both grooves plated								
K2[2]	–	–	–	–	1/0 ASCR, #2 SCG Amerductor, 7/16 galvanized steel strand	#6 ACSR, #12 SCG Amerductor, #8 solid iron	–	–
With both grooves unplated								
K3[3]	–	–	–	–	–	–	2/0 str. copper, 7/16 Copperweld, 2A Copperweld	#8 solid copper, 9½D Copperweld, etc.

Diagrams



* Trademark of Copperweld.

1) Plated with plating removed from one groove. For use with aluminum, amerductor or galvanized steel strand to copper or copper-bonded steel wires.

2) Clamp is plated. For use with amerductor, aluminum or galvanized steel stranding.

3) Clamp is not plated. For copper-to-copper connections.

Insulation-piercing connectors

Type IPC – Talon insulation piercing connectors

No need to strip conductor insulation or use tape after installation.

- For copper-to-copper, copper-to-aluminum and aluminum-to-aluminum applications (insulated conductor only)
- Performs as splice or tap for non-tension applications up to 600 V, depending on size of connector
- Self insulated for hot line applications
- Six sizes cover range from #10–500 kcmil
- UL® 486B Listed AL9CU (90 °C rated)

Type IPC – Talon insulation piercing connectors

	Al or Cu conductor range AWG/mm²				Dimensions (in.)		
Cat. no.	Main	Tap	No. bolts	Fig.	W	H	L
IPC1102*	1/0–8	2–8	1	1	29/16	2	1 17/32
	50–6	35–6	1	1	29/16	2	1 17/32
IPC4111	4/0–1/0	1/0–6	2	2	2 1/2	3	1 19/32
	95–50	50–16	2	2	2 1/2	3	1 29/32
IPC4141	4/0–1/0	4/0–1/0	2	2	2 5/8	3 1/4	1 29/32
	95–50	95–50	2	2	2 5/8	3 1/4	1 29/32
IPC5041*	500–350	4/0–4	1	1	2	2 1/2	2 1/8
	240–185	90–25	1	1	2	2 1/2	2 1/8
IPC3535	350–4/0	350–4/0	2	2	2 1/16	2 1/2	2 1/8
	185–95	185–95	2	2	2 1/16	2 1/2	2 1/8
IPC3541	350–4/0	4/0–10	1	1	2 3/4	3	2 5/8
	185–95	95–6	1	1	2 3/4	3	2 5/8

Diagrams

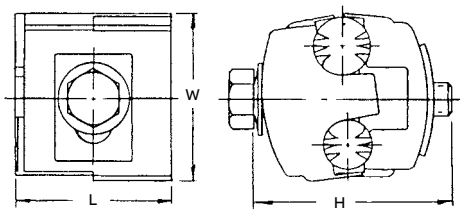


Fig. 1

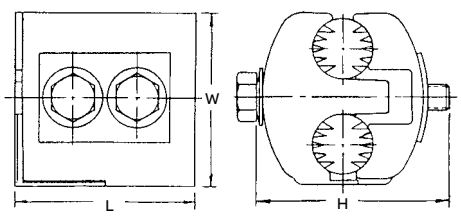


Fig. 2

* 600V Rating (all others 300V).

BolTap wedges

A 4055

Fast and easy installation saves you time and money.

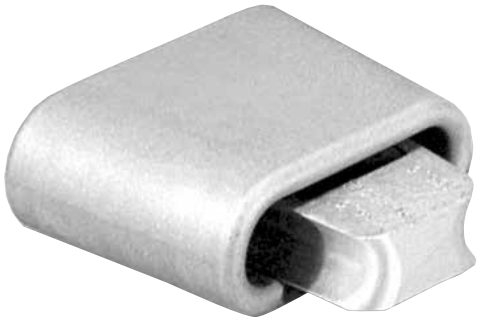
- Only hammer and wrench needed for installation
- Removable and reusable
- Wide conductor range further reduces inventory

BolTap wedges

Cat. no.	Conductor combinations (AWG or kcmil)
A 4025	266.8–#4 or –#6; 336–#4 or –#6; 350–#4 or –#6
A 4030	266.8–#2 or –1/0; 336–#6, –#4 or –#2; 350–#2; 397–#6 or –#4; 477–#6; 500–#6
A 4035	266.8–1/0, –2/0, –3/0 or –4/0; 336–#2, –1/0, –2/0 or–3/0; 350–1/0 or –2/0; 397–#4, –#2, –1/0 or –2/0; 477–#6, –#4 or –#2; 500–#4 or –#2; 556–#6, –#5 or –#4
A 4040	266.8–3/0, –4/0, –250 or –266; 336–2/0, –3/0, –4/0 or –250; 350–2/0, –3/0, –4/0 or –250; 397–1/0, –2/0, –3/0 or –4/0; 477–#2, –1/0 or –2/0; 500–#2, –1/0 or –2/0; 556–#2 or –1/0
A 4045	266.8–266 or –300; 336–4/0, –250, –266 or –300; 350–4/0, –266 or –300; 397–3/0, –4/0, –250 or –266; 477–1/0, –2/0, –3/0 or –4/0; 500–2/0, –3/0 or –4/0; 566–1/0, –2/0 or –3/0
A 4050	336–266, –300, –336 or –350; 350–336 or –350; 397–4/0, –250, –266, –300, –336 or –350; 477–3/0, –4/0, –250, –266 or –300; 500–4/0, –250, –266 or –300; 556–3/0, –4/0, –250 or –266
A 4055	336–336 or –397; 397–336, –350 or –397; 477–266, –300, –336 or –350; 556–266, –300 or –336
A 4060	397–397 or –500; 477–336, –350, –397, –477 or –500; 500–336, –397 or –500; 556–336, –350, –397 or –500
A 4065	477–397, –477 or –556; 556–397, –477 or –556
A 5035	556; 653; 750–#6
A 5040	556–#4 or –#2; 605–#6 or –#4; 636–#6, –#4 or –#2; 653–#6 or –#4; 750–#6
A 5045	556–1/0 or –2/0; 605–#2, –1/0, –2/0 or –3/0; 636–#2,–1/0 or –2/0; 653–#2, –1/0, –2/0 or –3/0; 750–1/0 or –2/0; 795–#6, –#4 or –#2; 954–#6
A 5050	556–3/0 or –4/0; 605–3/0 or –4/0; 636–1/0, –2/0, –3/0 or –4/0; 653–3/0 or –4/0; 750–3/0 or –4/0; 795–#4, –#2, –1/0 or –2/0; 954–#4
A 5055	336–3/0, –4/0, –250, –266 or –300; 556–250, –266 or –300; 605–4/0 or –250; 653–4/0 or –250; 750–4/0, –250, –266 or –300; 795–1/0, –2/0, –3/0, –4/0 or –250; 954–1/0
A 5060	556–266, –336 or –350; 605–266, –300, –336 or –350; 636–266, –300, –336 or –350; 653–266, –300, –336 or –350; 750–266, –336, –350 or –397; 795–3/0, –4/0, –250, –266 or –300; 954–2/0, –3/0 or –4/0
A 5065	336–336, –397, –477 or –500; 556–336, –397, –477 or –500; 605–397, –477 or –500; 653–336, –397, –477 or –500; 750–397, –477 or –500; 795–250, –266, –300, –336 or –350; 954–4/0, –250, –266 or –300
A 5070	556–477, –556, –636 or –750; 605–477 or –556; 653–477 or –556; 750–477, –556 or –750; 795–266, –336, –397, –477 or –350; 954–266, –336 or –350
A 5075	556–556; 605–556, –605, –636, –653 or –750; 636–556, –605, –636, –653 or –750; 653–556, –605, –636, –653 or –750; 795–397, –477, –500, –636 or –750; 954–397, –477 or –500
A 5080	636–636; 795–477, –556, –605, –636, –653, –750 or –795; 954–477, –556, –636 or –750
A 5085	795–605, –636 or –795; 954–605, –636, –653 or –795
A 5090	795–795; 954–795 or –954

Note: Conductor combinations shown are for reference only.
Consult your ABB representative for verification or for conductor combinations not shown.
For shear-head option, add "-SH" suffix to the catalog number.
For BolTap stirrups, please consult your ABB representative.

PowerTap wedges



Reliable performance in the harshest of environments.

- Low stresses produced at interfaces preclude significant conductor creep and minimize loss of clamping force on connectors
- Contact forces are nearly constant during temperature changes or conductor compaction
- Driving action helps remove oxidation from conductor and lowers contact resistance
- RUS accepted

PowerTap wedges

Cat. no.	Wire combinations (AWG or kcmil)
Small taps – Use shell PT-white	
PT 1010	1/0–#2
PT 1011	#2–#2, 1/0–#4
PT 1012	#2–#4, 1/0–#6
PT 1013	#4–#4, #2–#6
PT 1014	#6–#6, #4–#6
PT 1015	#8–#8
Medium taps – Use shell PT-blue	
PT 4001	1/0–1/0, 2/0–#2, 1/0–#2
PT 4002	2/0–2/0, 3/0–1/0, 4/0–#2
PT 4003	3/0–#6, 2/0–#6
PT 4004	2/0–#4, 3/0–#4
PT 4005	2/0–1/0, 3/0–#2
PT 4006	4/0–#4
PT 4007	4/0–#4
PT 4008	3/0–2/0, 4/0–1/0
PT 4009	3/0–3/0, 4/0–2/0
PT 4010	4/0–3/0
PT 4011	4/0–4/0
266 kcmil taps – Use shell PT-blue	
PT 26601	266.8–#6
PT 26602	266.8–#4
PT 26603	266.8–#2
PT 26604	266.8–1/0
PT 26605	266.8–2/0
PT 26606	266.8–3/0
PT 26607	266.8–4/0
PT 26608	–
PT 26609	266.8–266.8

Note: For a kit containing a wedge and PowerTap shell,add "-K" suffix to the catalog number.

Cat. no.	Wire combinations (AWG or kcmil)
350 kcmil taps – Use shell PT-blue	
PT 35000	350–#6
PT 35001	350–#4
PT 35002	350–#2
PT 35003	350–1/0
PT 35004	350–2/0
PT 35005	350–3/0
PT 35006	350–4/0
PT 35007	350–350
336–556 kcmil taps –Use shell PT-yellow	
PT 33601	336.4–336.4
PT 33602	336.4–266.8
PT 33603	336.4–4/0
PT 33604	336.4–3/0
PT 33605	336.4–2/0
PT 33606	336.4–1/0
PT 33607	336.4–#2
PT 33608	336.4–#4
PT 33609	336.4–#6
PT 47701	477–#2 or –#3
PT 47702	477–#4 or –#5
PT 47703	477–#6
PT 55601	556.5–477 or –556.5
PT 55602	477–477; 556.5–336.4
PT 55603	477–336.4; 556.5–266.8
PT 55604	477–266.8; 556.4–3/0 or –4/0
PT 55605	477–4/0; 556.5–2/0
PT 55606	477–3/0; 556.5–#1
PT 55607	477–2/0; 556.5–#1
PT 55608	477–1/0; 556.5–#2
PT 55609	556.5–#2 or –#3
PT 55611	556.5–#4 or –#5
PT 55612	556.5–#6

PowerTap wedges (continued)

PowerTap wedges

Cat. no.	Wire combinations (AWG or kcmil)
795 kcmil taps – Use shell PT-yellow	
PT 79500	795–795
PT 79501	795–715
PT 79502	795–636
PT 79503	795–556.5
PT 79504	795–477
PT 79505	795–397.5
PT 79506	795–336.4
PT 79507	795–266.4
PT 79508	795–4/0
PT 79509	795–3/0
PT 79510	795–2/0
PT 79511	795–1/0
PT 79512	795–#2
PT 79513	795–#4
PT 79514	795–#6
1,033.5 kcmil taps – Use shell PT-yellow	
PT 103300	1,033.5–1,033.5
PT 103301	1,033.5–954
PT 103302	1,033.5–795
PT 103303	1,033.5–715.5
PT 103304	1,033.5–636
PT 103305	1,033.5–556.5
PT 103306	1,033.5–477
PT 103307	1,033.5–397.5
PT 103308	1,033.5–336.4
PT 103309	1,033.5–266.8
PT 103310	1,033.5–4/0
PT 103311	1,033.5–3/0
PT 103312	1,033.5–2/0
PT 103313	1,033.5–1/0
PT 103314	1,033.5–#2
PT 103315	1,033.5–#4
PT 103316	1,033.5–#6

Cat. no.	Wire combinations (AWG or kcmil)
1,192 kcmil taps – Use shell PT-yellow	
PT 119200	1,192.5–1,192.5
PT 119201	1,192.5–1,033.5
PT 119202	1,192.5–954
PT 119203	1,192.5–795
PT 119204	1,192.5–715.5
PT 119205	1,192.5–636
PT 119206	1,192.5–556.5
PT 119207	1,192.5–477
PT 119208	1,192.5–397.5
PT 119209	1,192.5–336.4
PT 119210	1,192.5–266.8
PT 119211	1,192.5–4/0
PT 119212	1,192.5–3/0
PT 119213	1,192.5–2/0
PT 119214	1,192.5–1/0
PT 119215	1,192.5–#2
PT 119216	1,192.5–#4
PT 119217	1,192.5–#6

PowerTap wedges

PowerTap stirrups & terminal lugs

Aluminum stirrup connectors built for strength, conductivity and longevity.

- Bail made of tin-plated copper wire for high conductivity and corrosion resistance
- Wide range of stirrups fit a variety of clamp sizes
- Low stresses produced at interfaces preclude significant conductor creep and minimize loss of clamping force on connectors
- Contact forces remain nearly constant during temperature changes or conductor compaction
- Driving action helps remove oxidation from conductor and lowers contact resistance
- RUS accepted

PowerTap stirrups

Cat. no.	Wire size (AWG or kcmil)	Bail size
Use shell PT-blue		
PT 4020 S 2	#1, 1/0, 2/0	#2
PT 4005 S 10	1/0, 2/0	1/0
PT 4004 S 2	2/0, 3/0	#2
PT 4007 S 2	3/0, 4/0	#2
PT 4007 S 10	3/0, 4/0	1/0
PT 4008 S 20	3/0, 4/0	2/0
PT 26602 S 2	266.8	#2
PT 26603 S 10	266.8	1/0
PT 35002 S 10	350 AAC	1/0
PT 35002 S 2	350 AAC	#2
Use shell PT-white		
PT 1050 S 2	#6	#2
PT 1011 S 2	#5, #4, #2	#2
PT 33606 S 10	336.4	1/0

Cat. no.	Wire size (AWG or kcmil)	Bail size
Use shell PT-yellow		
PT 33605 S 20	336.4	2/0
PT 33604 S 40	336.4	4/0
PT 47701 S 10	397.4, 477	1/0
PT 55607 S 20	397.4, 477	2/0
PT 55606 S 40	397.4, 477	4/0
PT 55608 S 10	556	1/0
PT 55607 S 20	556	2/0
PT 55605 S 40	556	4/0
PT 79511 S 40	636	4/0
PT 79512 S 20	636	2/0
PT 79511 S 20	795	2/0
PT 79509 S 40	795	4/0
PT 103312 S 40	1033.5	4/0

PT 2 N 795

Strong lugs that withstand corrosion.

- 2-hole paddle, 4-hole paddle and 4-hole flag models available
- Fit a variety of lug sizes

PowerTap terminal lugs

Cat. no.	Wire size (AWG or kcmil)	Tap groove	Spade type
PT 2 N 4/0	#2–#6, 1/0–4/0, 266.8	4/0 str.	2-hole paddle
PT 2 N 336	336.4, 397.5, 477, 556.5	336.4 str.	2-hole paddle
PT 2 N 795	636, 795, 954, 1,033.5	795 str.	2-hole paddle
PT 4 N 4/0	#2–#6, 1/0–4/0, 266.8	4/0 str.	4-hole paddle
PT 4 N 336	336.4, 397.5, 477, 556.5	336.4 str.	4-hole paddle
PT 4 N 795	636, 795, 954, 1,033.5	795 str.	4-hole paddle
PT 4 N 336 F	336.4, 397.5, 477, 556.5	336.4 str.	4-hole flag
PT 4 N 795 F	636, 795, 954, 1,033.5	795 str.	4-hole flag

PowerTap tools & accessories

PowerTap fire-on tools & accessories

PT -TOOL

On-the-go equipment to make clean moves, adds and changes.

- Long-lasting tool comes with heads of your choice to simplify installation
- Shells, take-off clips and carrying case sold separately to complete your system
- Cleaning tool and cleaning kit also available for maintaining your PowerTap equipment
- Tools and accessories are also compatible with other leading connector manufacturers' products

PowerTap fire-on tools and accessories

Cat. no.	Description
PowerTap tool	
PT-TOOL	(1) Large head, (1) small head, (1) power unit
PT-TOOL S	(1) Small head, (1) power unit
PT-TOOL L	(1) Large head, (1) power unit
PowerTap shells	
PT-RED	Red
PT-WHITE	White
PT-BLUE	Blue
PT-YELLOW	Yellow
PowerTap take-off clips	
PT-CLIP, WHITE/BLUE	White & blue
PT-CLIP, YELLOW	Yellow
PowerTap cleaning tool	
PT-CLEANING TOOL	Cleaning tool
PowerTap cleaning kit	
PT-TOOL CLEANING KIT	See fig. 1
PowerTap carrying case	
PT-CARRYING CASE	Carrying case

Fig. 1

PT-TOOL CLEANING KIT includes:

- Powder solvent x 1
- Gun oil x 1
- Shotgun cleaning rod x 1
- Small shotgun bore brush x 1
- Large shotgun bore brush x 1
- Small shotgun bore swab x 1
- Large shotgun bore swab x 1
- Small brass brush x 1

Service entrance splice

Uninsulated aluminum service entrance compression splices – ½" die series

Q 1 U 54

Basic, uninsulated splices for service entrances.

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

Uninsulated aluminum service entrance compression splices – ½" die series

	Conductor A (AWG)				Conductor B (AWG)			
Cat. no.	Color	Sol.	Str.	ACSR	Color	Sol.	Str.	ACSR
Q 1 U 52	Green	#6	#8	–	Green	#6	#8	–
Q 1 U 53		#6	#8	–	Brown	#8	#10	–
Q 1 U 54	Blue	#4	–	#6-6/1	Blue	#4	–	#6-6/1
Q 1 U 55		#4	–	#6-6/1	Green	#6	#8	–
Q 1 U 56		#4	–	#6-6/1	Brown	#8	#10	–
Q 1 U 57	Orange	#2	–	#4-6/1, 7/1	Orange	#2	–	#4-6/1, 7/1
Q 1 U 58		#2	–	#4-6/1, 7/1	Blue	#4	–	#6-6/1
Q 1 U 59		#2	–	#4-6/1, 7/1	Green	#6	#8	–
Q 1 U 60		#2	–	#4-6/1, 7/1	Brown	#8	#10	–
Q 1 U 65	Red	#1	#1 & #2	#2-6/1, 7/1	Red	#1	#1 & #2	#2-6/1, 7/1
Q 1 U 67		#1	#1 & #2	#2-6/1, 7/1	Orange	#2	–	#4-6/1, 7/1
Q 1 U 68		#1	#1 & #2	#2-6/1, 7/1	Blue	#4	–	#6-6/1
Q 1 U 69		#1	#1 & #2	#2-6/1, 7/1	Green	#6	#8	–
Q 1 U 70		#1	#1 & #2	#2-6/1, 7/1	Brown	#8	#10	–

Service entrance splices

Aluminum service entrance compression splices – U 1 B™ and CS™ ⅝" die series

U 1 B 1010

CS73

Standard 2" length compression splices.

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

Aluminum service entrance compression splices – U 1 B and CS ⅝" die series

U 1 B series Cat. no.	CS series Cat. no.	Conductor A (AWG) Color	ACSR	Str.	Sol.	Color	ACSR	Conductor B (AWG) Str.	Sol.
U 1 B 11	–	Brown	–	#10	#8	Brown	–	#10	#8
U 1 B 88	CS61	Green	–	#8	#6	Green	–	#8	#6
U 1 B 81	–		–	#8	#6	Brown	–	#10	#8
U 1 B 66	CS64	Blue	#6 (6/1)	–	#4	Blue	#6 (6/1)	–	#4
U 1 B 68	CS63		#6 (6/1)	–	#4	Green	–	#8	#6
U 1 B 61	CS62		#6 (6/1)	–	#4	Brown	–	#10	#8
U 1 B 612	–		#6 (6/1)	6	#4	Black	–	#12	#10
U 1 B 44	CS68	Orange	#4 (6/1, 7/1)	–	#2	Orange	#4 (6/1, 7/1)	–	#2
U 1 B 46	CS67		#4 (6/1, 7/1)	–	#2	Blue	#6 (6/1)	–	#4
U 1 B 48	CS66		#4 (6/1, 7/1)	–	#2	Green	–	#8	#6
U 1 B 41	CS65		#4 (6/1, 7/1)	–	#2	Brown	–	#10	#8
U 1 B 22	CS73	Red	#2 (6/1, 7/1)	#1 & #2	#1	Red	#2 (6/1, 7/1)	#1 & #2	#1
U 1 B 24	CS72		#2 (6/1, 7/1)	#1 & #2	#1	Orange	#4 (6/1, 7/1)	–	#2
U 1 B 26	CS71		#2 (6/1, 7/1)	#1 & #2	#1	Blue	#6 (6/1)	–	#4
U 1 B 28	CS70		#2 (6/1, 7/1)	#1 & #2	#1	Green	–	#8	#6
U 1 B 21	CS69		#2 (6/1, 7/1)	#1 & #2	#1	Brown	–	#10	#8
U 1 B 1010	CS78	Yellow	1/0 (6/1)	1/0	#1	Yellow	1/0 (6/1)	1/0	–
U 1 B 102	CS77		1/0 (6/1)	1/0	#1	Red	#2 (6/1, 7/1)	#1 & #2	#1
U 1 B 104	CS76		1/0 (6/1)	1/0	#1	Orange	#4 (6/1, 7/1)	–	#2
U 1 B 106	CS75		1/0 (6/1)	1/0	#1	Blue	#6 (6/1)	–	#4
U 1 B 108	CS74		1/0 (6/1)	1/0	#1	Green	–	#8	#6
–	CS84	Gray	–	2/0	–	Yellow	1/0 (6/1)	1/0	–
–	CS85		–	2/0	–	Gray	–	2/0	–

Service entrance splices

Insulated aluminum service entrance compression splices – U and ICS ⅝" die series (standard length, 2²⁵⁄₃₂" long)

URR 22

ICS73-1

For standard conductors.

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Tough stabilized nylon sleeves resist installing-tool pressure and provide reliable 600 V insulation
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Splices have colored end caps to make identification easy
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

Insulated aluminum service entrance compression splices – U and ICS ⅝" die series (standard length, 2²⁵⁄₃₂" long)

		Conductor A (AWG)						Conductor B (AWG)					
						Diameter (in.)						Diameter (in.)	
U series Cat. no.	ICS series Cat. no.	Color	ACSR	Str.	Sol.	Max.	Min.	Color	ACSR	Str.	Sol.	Max.	Min.
UGBR 81	–	Green	–	#8	#6	0.162	0.144	Brown	–	#10	#8	0.128	0.114
UGG 88	ICS61-1		–	#8	#6	0.162	0.144	Green	–	#8	#6	0.162	0.144
UBBR 61	ICS62-1	Blue	#6	#6	#4	0.204	0.184	Brown	–	#10	#8	0.128	0.114
UBG 68	ICS63-1		#6	#6	#4	0.204	0.184	Green	–	#8	#6	0.162	0.144
UBB 66	ICS64-1		#6	#6	#4	0.204	0.184	Blue	#6	#6	#4	0.204	0.184
UOBR 41	ICS65-1	Orange	#4	#4	#2	0.258	0.213	Brown	–	#10	#8	0.128	0.114
UOG 48	ICS66-1		#4	#4	#2	0.258	0.213	Green	–	#8	#6	0.162	0.144
UOB 46	ICS67-1		#4	#4	#2	0.258	0.213	Blue	#6	#6	#4	0.204	0.184
UOO 44	ICS68-1		#4	#4	#2	0.258	0.213	Orange	#4	#4	#2	0.258	0.213
URBR 21	–	Red	#2	#1 & #2	–	0.328	0.268	Brown	–	#10	#8	0.128	0.114
URG 28	ICS70-1		#2	#1 & #2	–	0.328	0.268	Green	–	#8	#6	0.162	0.144
URB 26	ICS71-1		#2	#1 & #2	–	0.328	0.268	Blue	#6	#6	#4	0.204	0.184
URO 24	ICS72-2		#2	#1 & #2	–	0.328	0.268	Orange	#4	#4	#2	0.258	0.213
URR 22	ICS73-1		#2	#1 & #2	–	0.328	0.268	Red	#2	#1 & #2	–	0.328	0.268
UYG 08	ICS74-1	Yellow	1/0	1/0	–	0.398	0.368	Green	–	#8	#6	0.162	0.144
UYB 06	ICS75-1		1/0	1/0	–	0.398	0.368	Blue	#6	#6	#4	0.204	0.184
UYO 04	ICS76-1		1/0	1/0	–	0.398	0.368	Orange	#4	#4	#2	0.258	0.213
UYR 02	ICS77-1		1/0	1/0	–	0.398	0.368	Red	#2	#1 & #2	–	0.328	0.268
UYY 00	ICS78-1		1/0	1/0	–	0.398	0.368	Yellow	1/0	1/0	–	0.398	0.368

Service entrance splices

Insulated aluminum service entrance compression splices – U 1 N ⅝" die series (longer length, 3¼" long)

U 1 N 106

For standard conductors.

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

Insulated aluminum service entrance compression splices – U 1 N ⅝" die series (longer length, 3¼" long)

	Conductor A (AWG)				Conductor B (AWG)			
Cat. no.	Color	Sol.	Str.	ACSR	Color	Sol.	Str.	ASCR
U 1 N 16	Brown	#8	#10	–	Green	#6	#8	–
U 1 N 11		#8	#10	–	Brown	#8	#10	–
U 1 N 12		#8	#10	–	Red	#1	#2	#2-6/1, 7/1
U 1 N 88	Green	#6	#8	–	Green	#6	#8	–
U 1 N 81		#6	#8	–	Brown	#8	#10	–
U 1 N 66	Blue	#4	–	#6-6/1	Blue	#4	–	#6-6/1
U 1 N 68		#4	–	#6-6/1	Green	#6	#8	–
U 1 N 61		#4	–	#6-6/1	Brown	#8	#10	–
U 1 N 44	Orange	#2	–	#4-6/1, 7/1	Orange	#2	–	#4-6/1, 7/1
U 1 N 46		#2	–	#4-6/1, 7/1	Blue	#4	–	#6-6/1
U 1 N 48		#2	–	#4-6/1, 7/1	Green	#6	#8	–
U 1 N 41		#2	–	#4-6/1, 7/1	Brown	#8	#10	–
U 1 N 22	Red	#1	#1 & #2	#2-6/1, 7/1	Red	#1	#1 & #2	#2-6/1, 7/1
U 1 N 24		#1	#1 & #2	#2-6/1, 7/1	Orange	#2	#3 & #4	#4-6/1, 7/1
U 1 N 26		#1	#1 & #2	#2-6/1, 7/1	Blue	#4	#5 & #6	#6-6/1
U 1 N 28		#1	#1 & #2	#2-6/1, 7/1	Green	#6	#8	–
U 1 N 21		#1	#1 & #2	#2-6/1, 7/1	Brown	#8	#10	–
U 1 N 1010	Yellow	#1	1/0	1/0-6/1	Yellow	–	1/0	1/0-6/1
U 1 N 102		#1	1/0	1/0-6/1	Red	#1	#1 & #2	#2-6/1
U 1 N 104		#1	1/0	1/0-6/1	Orange	#2	–	#4-6/1
U 1 N 106		#1	1/0	1/0-6/1	Blue	#4	–	#6-6/1
U 1 N 108		#1	1/0	1/0-6/1	Green	#6	#8	–

Service entrance splices

Insulated aluminum service entrance compression splices – U ⅝" die series (longer length – 3¼" long)

U 22 RR

U 44 OO

U 68 BG

For compact conductors.

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Tough stabilized-nylon sleeves resist installing-tool pressure and provide reliable 600 V insulation
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

Insulated aluminum service entrance compression splices – U ⅝" die series (longer length – 3¼" long)

	Conductor A (AWG)					Conductor B (AWG)			
Cat. no.	Color	Str.	Compt.	Comp.	Color	Str.	Compt.	Sol.	Comp.
U 61 BBR	Blue	#6	#6	#6	Brown	#10	–	#8	–
U 68 BG		#6	#6	#6	Green	#8	#8	–	#8
U 66 BB		#6	#6	#6	Blue	#6	#6	–	#6
U 41 OBR	Orange	#4	#4	#4	Brown	#10	–	#8	–
U 48 OG		#4	#4	#4	Green	#8	#8	–	#8
U 46 OB		#4	#4	#4	Blue	#6	#6	–	#6
U 44 OO		#4	#4	#4	Orange	#4	#4	–	#4
U 21 RBR	Red	#2	#2	#2	Brown	#10	–	#8	–
U 28 RG		#2	#2	#2	Green	#8	#8	–	#8
U 26 RB		#2	#2	#2	Blue	#6	#6	–	#6
U 24 RO		#2	#2	#2	Orange	#4	#4	–	#4
U 22 RR		#2	#2	#2	Red	#2	#2	–	#2
U 101 YBR	Yellow	1/0	1/0	1/0	Brown	#10	–	#8	–
U 108 YG		1/0	1/0	1/0	Brown	#8	#8	–	#8
U 106 YB		1/0	1/0	1/0	Blue	#6	#6	–	#6
U 104 YO		1/0	1/0	1/0	Orange	#4	#4	–	#4
U 102 YR		1/0	1/0	1/0	Red	#2	#2	–	#2
U 1010 YY		1/0	1/0	1/0	Yellow	1/0	1/0	–	1/0

Note: Sold in standard carton quantities only.

Service entrance splices

Insulated aluminum service entrance compression splices – 840 die series

X 1 N 204

IKL47

At 5½" long, these splices are ideal for heavy-duty overhead services.

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Tough stabilized-nylon sleeves resist installing-tool pressure and provide reliable 600 V insulation
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS accepted

Insulated aluminum service entrance compression splices – 840 die series

X 1 N series Cat. no.	IKL series Cat. no.	Conductor A (AWG)					Conductor B (AWG)				
		Color	ACSR	Str.	Compr.	Compt.	Color	ACSR	Str.	Compr.	Compt.
X 1 N 104	IKL34	Yellow	1/0	1/0	1/0	2/0	Orange	#4	#4	#4	–
X 1 N 102	IKL35		1/0	1/0	1/0	2/0	Red	#2	#1	#1	1/0
X 1 N 1010	IKL36		1/0	1/0	1/0	2/0	Yellow	1/0	1/0	1/0	2/0
X 1 N 204	IKL44	Gray	2/0	2/0	2/0	3/0	Orange	#4	–	–	–
X 1 N 202	IKL45		2/0	2/0	2/0	3/0	Red	#2	#1	#1	1/0
X 1 N 2010	IKL46		2/0	2/0	2/0	3/0	Yellow	1/0	1/0	1/0	2/0
X 1 N 2020	IKL47		2/0	2/0	2/0	3/0	Gray	2/0	2/0	2/0	3/0
X 1 N 304	IKL54	Black	3/0	3/0	3/0	4/0	Orange	#4	–	–	–
X 1 N 302	IKL55		3/0	3/0	3/0	4/0	Red	#2	#1	#1	1/0
X 1 N 3010	IKL56		3/0	3/0	3/0	4/0	Yellow	1/0	1/0	1/0	2/0
X 1 N 3020	IKL57		3/0	3/0	3/0	4/0	Gray	2/0	2/0	2/0	3/0
X 1 N 3030	IKL58		3/0	3/0	3/0	4/0	Black	3/0	3/0	3/0	4/0
X 1 N 404	IKL64	Pink	4/0	4/0	4/0	250	Orange	#4	–	–	–
X 1 N 402	IKL65		4/0	4/0	4/0	250	Red	#2	#1	#1	1/0
X 1 N 4010	IKL66		4/0	4/0	4/0	250	Yellow	1/0	1/0	1/0	2/0
X 1 N 4020	IKL67		4/0	4/0	4/0	250	Gray	2/0	2/0	2/0	3/0
X 1 N 4030	IKL68		4/0	4/0	4/0	250	Black	3/0	3/0	3/0	4/0
X 1 N 4040	IKL69		4/0	4/0	4/0	250	Pink	4/0	4/0	4/0	250

Service entrance splices

Uninsulated aluminum service entrance compression splices – 840 die series

X 1 U 2020

Ideal for large residential and commercial service drops.

- Constructed from aluminum for high conductivity
- Solid center barriers enable quick wire positioning, proper distribution of inhibitor around the wire and current equalization on stranded conductors
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Splices marked with strip lengths, die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors; also tested and approved for EEI installing dies
- RUS accepted

Uninsulated aluminum service entrance compression splices – 840 die series

	Conductor A (AWG)					Conductor B (AWG)				
		Solid					Solid			
Cat. no.	Color	Al	Cu	Stranded	ASCR	Color	Al	Cu	Stranded	ASCR
X 1 U 44	Orange	#2	#2	–	#4	Orange	#2	#2	–	#4
X 1 U 24	Red	#1	#1	#1 & #2	#2	Orange	#2	#2	–	#4
X 1 U 22		#1	#1	#1 & #2	#2	Red	#1	#1	#1 & #2	#2
X 1 U 104	Yellow	1/0, 2/0	–	1/0	1/0	Orange	#2	#2	–	#4
X 1 U102		1/0, 2/0	–	1/0	1/0	Red	#1	#1	#1 & #2	#2
X 1 U 1010		1/0, 2/0	–	1/0	1/0	Yellow	1/0 & 2/0	–	1/0	1/0
X 1 U 204	Gray	3/0	–	2/0	2/0	Orange	#2	#2	–	#4
X 1 U 202		3/0	–	2/0	2/0	Red	#1	#1	#1 & #2	#2
X 1 U 2010		3/0	–	2/0	2/0	Yellow	1/0 & 2/0	–	1/0	1/0
X 1 U 2020		3/0	–	2/0	2/0	Gray	3/0	–	2/0	2/0
X 1 U 304	Black	4/0	–	3/0	3/0	Orange	#2	#2	–	#4
X 1 U 302		4/0	–	3/0	3/0	Red	#1	#1	#1 & #2	#2
X 1 U 3010		4/0	–	3/0	3/0	Yellow	1/0 & 2/0	–	1/0	1/0
X 1 U 3020		4/0	–	3/0	3/0	Gray	3/0	–	2/0	2/0
X 1 U 3030		4/0	–	3/0	3/0	Black	4/0	–	3/0	3/0
X 1 U 404	Pink	–	–	4/0	4/0	Orange	#2	#2	–	#4
X 1 U 402		–	–	4/0	4/0	Red	#1	#1	#1 & #2	#2
X 1 U 4010		–	–	4/0	4/0	Yellow	1/0 & 2/0	–	1/0	1/0
X 1 U 4020		–	–	4/0	4/0	Gray	3/0	–	2/0	2/0
X 1 U 4030		–	–	4/0	4/0	Black	4/0	–	3/0	3/0
X 1 U 4040		–	–	4/0	4/0	Pink	–	–	4/0	4/0

Note: When using EEI 11A die, space compressions ⅛" apart.
When installing with UT 5 tool, use H5 (upper) and H6 (lower) dies. When installing with a hydraulic tool, use 76 (2) die.

Service entrance splices

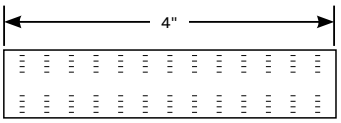
Uninsulated aluminum service entrance compression splices – 840 die series (continued)

X 1 U 2020

Uninsulated aluminum service entrance compression splices – 840 die series (continued)

	Conductor A (AWG or kcmil)						Conductor B (AWG or kcmil)				
		Solid					Solid				
Cat. no.	Color	Al	Cu	Stranded	ASCR	Color	Al	Cu	Stranded	ASCR
X 1 U 266	Blue	350	–	250–266.8	266.8	Blue	350	–	250–266.8	266.8
X 1 U 2664		350	–	250–266.8	266.8	Orange	#2	#2	#3 & #4	#4
X 1 U 2662		350	–	250–266.8	266.8	Red	#1	#1	#1 & #2	#2
X 1 U 26610		350	–	250–266.8	266.8	Yellow	1/0 & 2/0	–	1/0	1/0
X 1 U 26620		350	–	250–266.8	266.8	Gray	3/0	–	2/0	2/0
X 1 U 26630		350	–	250–266.8	266.8	Black	4/0	–	3/0	3/0
X 1 U 26640		350	–	250–266.8	266.8	Pink	–	–	4/0	4/0
X 1 U 336	Brown	397.5–400	–	300–350	336.4 (18/1)	Brown	397.5–400	–	300–350	336.4 (18/1)
X 1 U 3364		397.5–400	–	300–350	336.4 (18/1)	Orange	#2	#2	#3 & #4	#4
X 1 U 3362		397.5–400	–	300–350	336.4 (18/1)	Red	#1	#1	#1 & #2	#2
X 1 U 33610		397.5–400	–	300–350	336.4 (18/1)	Yellow	1/0 & 2/0	–	1/0	1/0
X 1 U 33620		397.5–400	–	300–350	336.4 (18/1)	Gray	3/0	–	2/0	2/0
X 1 U 33630		397.5–400	–	300–350	336.4 (18/1)	Black	4/0	–	3/0	3/0
X 1 U 33640		397.5–400	–	300–350	336.4 (18/1)	Pink	–	–	4/0	4/0
X 1 U 33626		397.5–400	–	300–350	336.4 (18/1)	Blue	350	–	250–266.8	266.8

Diagram



Note: When using EEI 11A die, space compressions ⅛" apart.
When installing with UT 5 tool, use H5 (upper) and H6 (lower) dies. When installing with a hydraulic tool, use 76 (2) die.

Service entrance connectors

N and NPW service entrance connectors

6N

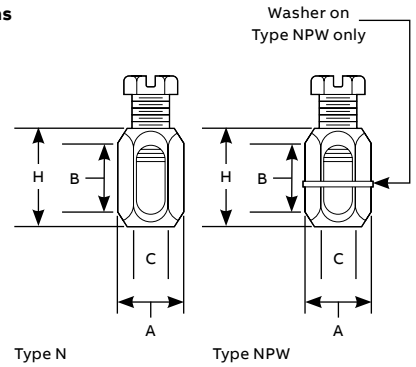
Long-lasting connectors with bodies and screws made of high-strength copper alloy.

- Both types have a slotted hex-head screw for strong, tight connections
- Type NPW is tin plated to resist corrosion
- Type NPW has a tin-plated phosphor bronze washer to protect the conductor and evenly distribute pressure
- Type NPW is dual-rated for use on ACSR and copper conductors

N and NPW service entrance connectors

	Conductor range (AWG)								
	ACSR		Copper		Dimensions (in.)				Bolt head
Cat. no.	Max.	Min.	Max.	Min.	A	B	C	D	(in.)
10N	–	–	#10 str.	#14 sol.	3/8	0.337	0.156	0.562	9/32
6N	#8	#8	#6 str.	#10 sol.	7/16	0.415	0.191	0.656	5/16
4N	#6	#8	#4 str.	#6 sol.	1/2	0.515	0.243	0.775	3/8
–	#4	#8	#2 str.	#6 sol.	21/32	0.643	0.304	0.97	1/8
10NPW	–	–	#10 str.	#14 sol.	3/8	0.337	0.156	0.562	9/32
6NPW	#8	#8	#6 str.	#10 sol.	7/16	0.415	0.191	0.656	5/16
4NPW	#6	#8	#4 str.	#6 sol.	1/2	0.515	0.243	0.775	3/8
2NPW	#4	#8	#2 str.	#6 sol.	21/32	0.643	0.304	0.97	1/8

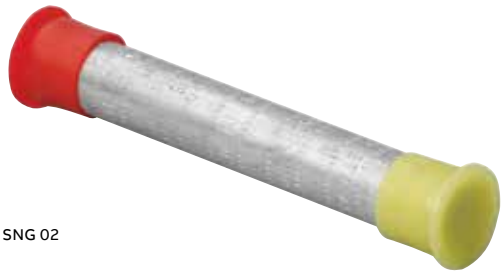
Diagrams



Type N Type NPW

Full- and semi-tension compression splices

Aluminum semi-tension neutral compression splices – Common die series



SNG 02

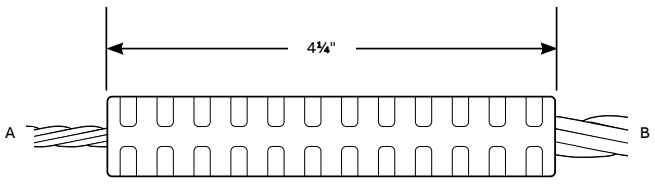
Aluminum construction provides high conductivity.

- Solid center stops ease cable insertion
- Prefilled with oxide inhibitor and topped with color-coded caps to prevent oxidation and keep out moisture
- All splices marked with installation die codes and compression locations, providing easy identification for easy installation
- Designed to develop 40% of the conductor's rated strength
- Meets or exceeds ANSI C119.4 specifications

Aluminum semi-tension neutral compression splices

	Conductor A (AWG)		Conductor B (AWG)		
Cat. no.	**ACSR**	**Str.**	**ACSR**	**Str.**	**Installing dies**
SNG 66	#6	#6	#6	#6	TU, 52, 5/8, BG, 243, 8A
SNG 44	#4	#4	#4	#4	TU, 52, 5/8, BG, 243, 8A
SNG 22	#2	#2	#2	#2	TU, 52, 5/8, BG, 243, 8A
SNG 00	1/0	1/0	1/0	1/0	TU, 52, 5/8, BG, 243, 8A
SNG 46	#4	#4	#6	#6	TU, 52, 5/8, BG, 243, 8A
SNG 24	#2	#2	#4	#4	TU, 52, 5/8, BG, 243, 8A
SNG 02	1/0	1/0	#2	#2	TU, 52, 5/8, BG, 243, 8A
SNG 26	#2	#2	#6	#6	TU, 52, 5/8, BG, 243, 8A
SNG 11	#1	#1	#1	#1	TU, 52, 5/8, BG, 243, 8A

Diagram



Note: For tin-plating option, add "-TN" suffix to the catalog number.

Full- and semi-tension compression splices

Aluminum loop compression splices

892

872

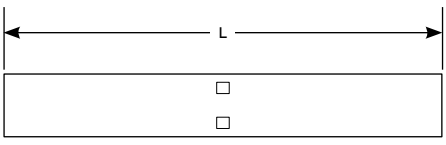
Designed to develop 25% of the conductor's rated strength.

- Versatile compression splices for ACSR, ACAR, AAAC 5005 and AAC conductors
- Constructed from aluminum for high conductivity
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices marked with wire size, installation die codes and compression locations, providing easy identification for easy installation
- Meets or exceeds ANSI C119.4 specifications

Aluminum loop compression splices

	Wire size (AWG or kcmil)				Installing tools and dies (compression per end)	
Cat. no.	ACSR, ACAR†, 5005†, AAAC	AAC	Length (in.)	EEI* die code	Dies – UT5 type	Dies – hydraulic
SNG 00	1/0 (6/1)	1/0	4¼	8A	TU	243, 52, ⅝, BG
Z 1 A 10	2/0 (6/1)	2/0	6⅜	–	TZ (6)	58, 60, 245, 9A
Z 1 A 51	–	3/0	4¼	10A	TZ (4)	58, 60, 245, 9A
866*	3/0 (6/1)	3/0	6⅜	10A	TV (9)	58, 60, 245, 9A
867*	4/0 (6/1)	4/0–250	6⅜	11A	TX (9)	249, 76 (3), 76H (6), 840
869	266.8	266–300	7½	11A	TH (6)	87 (3), 87H (6)
H 1 A 33	336.4 (18/1)	336–350	6⅝	11A	TH (6)	87 (3), 87H (6)
872*	336.4	336.4–350	7½	13A	–	96 (3), 96H (6), 472, 655
874*	397.5	397.5–477	7½	14A	–	106 (3), 106A (6), 719, 327
876*	477	500–556.6	7½	15A	–	115 (3), 115H (6), 318
879	556.5	600–700	9¾	–	–	125 (3), 125H (6), 1 5/16, 608
883	605–666.6	715.5–800	12¾	–	–	140 (4), 140H (8)
892	715.5–874.5	874.5–1,000	12¾	–	–	150 (4), 150H (8), 725, 352, 319, 292

Diagram



* When using EEI dies, space compressions ⅛" apart.
† Select diameter equivalent to ACSR.

Full- and semi-tension compression splices

Type ACJ and RCJ aluminum partial-tension jumper sleeves

Type ACJ

Meets the 40% partial tension requirement of ANSI C119.4.

Type ACJ – Aluminum jumper sleeves for all aluminum conductors

Cat. no.	AWG or kcmil wire size (stranding)	Length (in.)	Installing dies*
ACJ20	2/0 (7, 19)	4 3/4	BY33, C-167, W-247, 737, B39EA, 247, 747
ACJ205	2/0 (7, 19)	4 3/4	BY41, W-245, 635, B30EA, 245, 5/8–1, 635
ACJ40	4/0 (7, 19)	4 3/4	BY37, W-249, 840, B49EA, 249
ACJ266	266.8 (7, 19)	5 3/8	B75AH, 251, 1 1/2
ACJ336	336.4 (19, 37)	5 3/8	B80EA, 321, 1 1/8–1
ACJ350	350 (19)	6 3/4	B80EA, 490, 547, 1 1/8–1
ACJ397	397.5 (19)	6 3/4	B80EA, 468, 1 1/8–1
ACJ477	477, 500 (19, 37)	9 1/2	B80EA, 317, 426, 1 1/8–1
ACJ556	556.5 (19, 37)	9	B76AH, 318, 1 1/8–1

*OD58 dies are interchangeable with those listed for 0-52.

Type RCJ

Type RCJ – Aluminum jumper sleeves for ACSR, AAAC, 5005, AAC conductors

Cat. no.	AWG or kcmil wire size (stranding)	Length (in.)	Installing dies*
RCJ10‡	1/0 ACSR (6/1) 1/0 AAAC (7) 1/0 5005 (7) 1/0 AAC (7)	6 1/2	737, 747, W-C, W-702, B39EA, 167, 247
RCJ20‡	2/0 ACSR (6/1) 2/0 AAAC (7) 2/0 5005 (7) 2/0 AAC (7)	6 3/4	781, B74AH, 659, 3/4
RCJ30‡	3/0 ACSR (6/1) 3/0 AAAC (7) 3/0 5005 (7) 3/0 AAC (7)	6 1/4	B49EA, 658, 29/32
RCJ40BB‡	4/0 ACSR (6/1) 4/0 AAAC (7) 4/0 5005 (7) 4/0 AAC (7)	6 3/4	B61EA, 654, 1
RCJ266‡	266.8 ACSR (18/1)	7	B80EA, 655, 1 1/8–1
RCJ336‡	336.4 ACSR (18/1)	7	B80EA, 655, 1 1/8–1
RCJ397	397.5 ACSR(18/1) 336.4(26-7) 336.4 (30-7)	7 1/4	B20AH, 327, 1 1/8–1
RCJ477	477 ACSR (18/1)	8 3/4	B20AH, 318, 15/16
RCJ477M	477 ACSR (26/7)	9	B76AH, 318, 1 1/8

* OD58 dies are interchangeable with those listed for O-52.
‡ RUS listed.

Full- and semi-tension compression splices

Aluminum full-tension compression splices for aluminum conductors

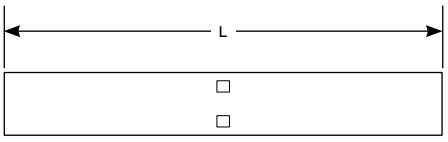
Seamless aluminum tubing provides high conductivity.

- Sleeves have an internal taper that acts as a funnel-like entrance for easy insertion of conductors and provides stress relief on the conductor strands upon compression
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices marked with conductor size and die references, providing easy identification for easy installation
- Designed to develop 95% or more of the conductor's rated strength
- Meets or exceeds ANSI C119.4 specifications

Aluminum full-tension compression splices

Cat. no.	Wire size (AWG or kcmil)	Length (in.)	Installing dies
SNG44	#4 str.	4¼	243, TU, 52, 518, 8A, BG
Q 2 A 7	#2 str.	4½	TQ, 163, 239, ½, 6A
U 2 A 9	1/0	6¼	TU, 52, 243, 19/32, CSA 22, 8A
W 2 A 20	2/0 str.	6½	TW-TY, 245, 635, 9A
Z 2 A 10	2/0 str.	6½	166
Z 2 A 51	3/0 str.	6½	166
2169	3/0 str.	8¼	TV, 66, 694, 702, 781, 10A
2170	4/0–250 str.	8¼	TX, 76, 249, 840, 11A
2174	266–300 str.	10⅜	87
2176	336.4–350 str.	10	96H, 655, 1⅛–1, 321, 13A
2178	397.5–400 str.	10	96H, 655, 1⅛–1, 13A
2182	450–477 str.	13	106, 14A, 1 5/16
2183	556.5 str.	10⅜	115H, 318, 1 5/16, 15A
2186	636 str.	13⅜	125
2187	750–795 str.	13⅜	140
2188	795 str.	13⅜	140, 1½
2190	874.5–1,000 str.	13⅜	150

Diagram



Note: For wire sizes over 1000 kcmil, please consult your ABB representative.

Full- and semi-tension compression splices

Type AC aluminum single-sleeve, full-tension splices for all-aluminum conductor

Type AC

Center stop assures proper conductor positioning.

- External end taper provides conductor stress relief, ease of stringing and corona protection
- Internal end chamfer allows easy conductor insertion and prevents sharp edge contact with conductor
- Fully tested to meet electrical and mechanical requirements of ANSI C119.4; will withstand 95% of conductor rated breaking strength

Type AC – Single-sleeve, full-tension splices for all aluminum conductors

Cat. no.	AWG or kcmil wire size (stranding)	L (in.)	Installing dies*
AC6-TB	6 (7)	3	BY19, W-161, 5/16, B73SH, 161
AC4-BB	4 (7)	3	BY21, W-162, 3/8, B71AH, 162, 1 3/8
AC2-TB	2 (7)	4 1/8	BY23, W-163, 1/2, B17EA, 163, 2 1/2, 510
AC10-TB	1/0 (7, 19)	7 1/4	BY31, BGW-243, W-687, 5/8–1, B24EA, 243, 5/8–1, 635
AC20	2/0 (7, 19)	9 1/4	BY33, C-167, W-247, 737, B39EA, 247, 747
AC205	2/0 (7, 19)	9 1/4	BY41, W-245, 635, B30EA, 245
AC30	3/0 (7, 19)	8	BY35, W-247, 781, B74AH, 247
AC40	4/0 (7, 19)	9 1/2	BY37, W-249, 840, B49EA, 249, 840
AC266	266.8 (7, 19)	8 5/8	B75AH, 251, 1.00
AC336	336.4 (19, 37)	10	B80EA, 321, 1 1/8–1
AC350	350 (19)	11	B80EA, 490, 547, 1 1/8–1
AC397	397.5 (19)	12 1/8	B80EA, 468, 1 1/8–1
AC477	477 (19, 37)	13 1/2	B80EA, 317, 426, 1 1/8–1
AC556	556 (19, 37)	13 1/2	B76AH, 318, 15/16

* OD58 dies are interchangeable with those listed for O-52.

Full- and semi-tension compression splices

Aluminum full-tension compression splices for ACSR and aluminum-alloy conductors

DS 267

BS 467

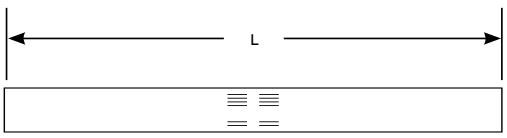
Simplify hot-line distribution construction and eliminate the separate splicing of ACSR core wires.

- Constructed from seamless aluminum tubing for high conductivity
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Sleeves have an internal taper that acts as a funnel-like entrance for easy insertion of conductors and provides stress relief on the conductor strands upon compression
- Solid barriers in the center of the sleeves ensure all-around distribution and penetration of the oxide inhibitor to all strands
- All splices marked with conductor size and die references, providing easy identification for easy installation
- Designed to develop 95% or more of the conductor's rated strength
- Meets or exceeds ANSI C119.4 specifications

Aluminum full-tension compression splices

Cat. no.	AWG or kcmil wire size	L (in.)	Installing dies
BS 66	#6 AAC, #6 ACSR (6/1)	6 5/8	TB, 239, 1/2
BS 46	#4 AAC, #4 ACSR (6/1), #4 AAAC	9 7/16	TB, 239, 1/2
BS 467	#4 AAC, #4 ACSR (6/1), #4 ACSR (7/1), #4 AAAC	10 3/8	TB, 239, 1/2
DS 26	#2 AAC, #2 ACSR (6/1)	12 1/4	BG, TW-TY
DS 267	#2 AAC, #2 ACSR (6/1), #2 ACSR (7/1), #2 AAAC	11 1/4	BG, TW-TY
WS 10	1/0 AAC, 1/0 ACSR (6/1), 1/0 AAAC	12 3/8	TW-TY, 58, 245
RS 10	1/0 AAC, 1/0 ACSR (6/1), 1/0 AAAC	13	167, 247, 702, 737
MS 20	2/0 AAC, 2/0 ACSR (6/1), 2/0 AAAC	17 7/8	TM, 62, 11/16
16100	3/0 AAC, 3/0 ACSR (6/1), 3/0 AAAC	17 7/8	76H, 658
16101	4/0 AAC, 4/0 ACSR (6/1), 4/0 AAAC	17 7/8	87, 654
16104	336.4 (18/1) ACSR	19	96, 655, 1 1/8–1, 13A
16106	397.5 (18/1) ACSR	28	96
16477	477 (18/1) ACSR	30	115H

Diagram



Note: For wire sizes over 1000 kcmil, please consult your ABB representative.

Full- and semi-tension compression splices

Type RC aluminum single-sleeve full-tension splices for ACSR, AAAC, 5005 and AAC conductors

Type RC

Replaces two-piece splices.

- Center stop assures proper conductor positioning
- External end taper provides conductor stress relief, ease of stringing and corona protection
- Internal end chamfer allows easy conductor insertion and prevents sharp edge contact with conductor
- Tested to meet electrical and mechanical requirements of ANSI C119.4; will withstand 95% of conductor rated breaking strength

Type RC – Single-sleeve, full-tension splices for ACSR, AAAC, 5005, AAC conductors

Cat. no.	AWG or kcmil wire size (stranding)	L (in.)	Installing dies*
RC4BB‡	4ACSR (6/1,7/1), 4AAAC (7), 4 5005 (7), 4AAC (7)	12	½, W-163, B72AH, 163, 510
RC45‡	4ACSR(6/1,7/1), 4AAAC (7), 4 5005 (7), 4AAC (7)	12	⅝–1, 635, BG, W-BG, W-243, ⅝–1, B24EA, 243, 687
RC2BB‡	2ACSR(6/1,7/1), 2AAAC (7), 2 5005 (7), 2AAC (7)	13⅝	⅝–1, 635, BG, W-245, B24EA, B30EA, 245, 687
RC25‡	2ACSR (6/1,7/1), 2AAAC (7), 2 5005 (7), 2AAC (7)	13⅝	737, 747, W-C, W-247, W-702, B39EA, 167, 247, 702,
RC10‡	1/0 ACSR(6/1), 1/0 AAAC(7), 1/0 5005(7), 1/0 AAC(7)	15¼	737, 747, W-C, W-702, B39EA, 167, 247, 702
RC205‡	2/0 ACSR (6/1)	17	737, 747, W-702, B39EA, 247
RC20‡	2/0 ACSR (6/1), 2/0 AAAC (7), 2/0 5005 (7), 2/0 AAC (7)	16	781, B74AH, 659, ¾
RC30‡	3/0 ACSR (6/1), 3/0 AAA C(7), 3/0 5005 (7), 3/0 AAC (7)	17	B49EA, 658, 29/32
RC40‡	4/0 ACSR (6/1), 4/0 AAAC (7), 4/0 5005 (7), 4/0 AAC (7)	18½	B61EA, 654, 1–2
RC336	336.4 ACSR (18/1)	19¼	B80EA, 655, 1⅛–1, 1⅛–2
RC397	397.5 ACSR18/1)	21½	B20AH, 327, 1⅛–1, 1⅛–2
RC477	477 ACSR(18/1	24	B78AH, 788, 15/16

*OD58 dies are interchangeable with those listed for O-52.
‡ RUS listed

Full- and semi-tension compression splices

Aluminum multi-range dieless compression splices – Minimum and partial tension

SGAC 500

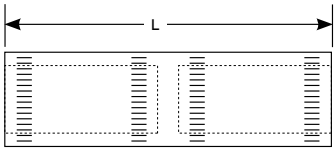
Compression splices for a wide conductor range, no dies needed.

- Made from aluminum for high strength and high conductivity
- Solid center stop ensures proper cable insertion
- Dual-rated for use with aluminum and copper conductors
- Connector bores coated with oxide inhibitor and capped to prevent oxidation
- All splices marked with conductor sizes for easy identification

Minimum tension

Cat. no.	Conductor size (AWG or kcmil)	Decimal range Min. O.D.	Decimal range Max. O.D.	Tool	L (in.)
SGAC 1/0	#10 sol. – 1/0 ACSR	0.102	0.398	VC-5/VC-6	2
SNG 00	#10 sol. – 1/0 ACSR	0.102	0.398	VC-5/VC-6	4 1/4
SGAC 3/0	#8 sol. – 3/0 str.	0.128	0.470	VC-5/VC-6	3
SGAC 250	#4 sol. – 266.8 – 4/0 ACSR	0.204	0.593	VC-5/VC-6	4
SGAC 350	2/0 str. – 350 – 336.4 (18/1)	0.414	0.684	VC-6	5
SGAC 500	4/0 str. – 500 – 477 (18/1)	0.522	0.814	VC-6	5
SGAC 8650	350 str. – 636 (36/1) 400 copper max.	0.681	0.940	VC-8	8 7/8
SGAC 8800	397.5 str. – 795 (36/1) 500 copper max.	0.724	1.040	VC-8	10 5/8

Diagram



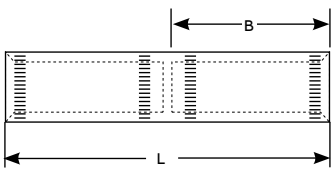
Note: For tin-plating option, add "-TN" suffix to the catalog number.

SKAC 500

Partial tension

Cat. no.	Conductor size (AWG or kcmil)	Decimal range Min. O.D.	Decimal range Max. O.D.	Tool	B (in.)	L (in.)
SKAC 2/0	#2 str. – 2/0 ACSR	0.292	0.447	VC-5/VC-6	3 1/8	6 1/2
SKAC 4/0	1/0 str. – 4/0 ACSR	0.368	0.563	VC-5/VC-6	3 7/8	8
SKAC 500	4/0 str. – 477 (18/1) ACSR	0.522	0.814	VC-6	3 7/8	8
SKAC 600	300 – 477 (26/7) ACSR	0.629	0.858	VC-6	5 7/16	11 1/8
SKAC 700	556.5 – 636 (36/1) ACSR	0.858	0.930	VC-8	6 5/16	12 7/8
SKAC 800	700 – 795 (36/1) ACSR	0.964	1.040	VC-8	6 5/16	12 7/8

Diagram



Full- and semi-tension compression splices

Aluminum multi-range dieless compression splices – Full tension

U2A9

AAC 4/0 FT

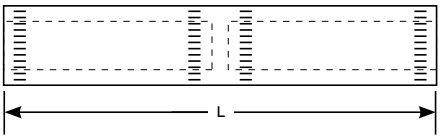
Aluminum compression splices provide high strength and high conductivity.

- Solid center stop ensures proper cable insertion
- Dual-rated for use with aluminum and copper conductors
- Connector bores coated with oxide inhibitor and capped to prevent oxidation
- All splices marked with conductor size and die references, providing easy identification for easy installation
- Designed to develop 95% or more of the conductor's rated strength
- Meets or exceeds ANSI C119.4 specifications.

AAC series – Full tension

Cat. no.	Conductor size (AWG or kcmil)	Decimal range Min. O.D.	Decimal range Max. O.D.	Tool	L (in.)
U 2 A 9	#4 str. – 1/0 str. aluminum	0.232	0.368	VC-5/VC-6	6¼
AAC 4/0 FT	1/0 str. – 4/0 str. aluminum	0.368	0.522	VC-5/VC-6	8
AAC 350 FT	4/0 str. – 350 aluminum – 336.4 (18/1)	0.522	0.681	VC-6	9½
AAC 500 FT	336.4 str.–500 aluminum	0.666	0.795	VC-6	12½

Diagram

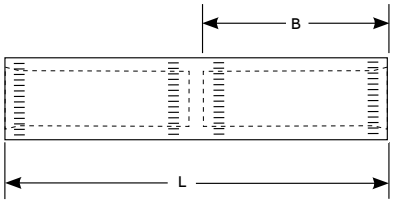


ACSR 397.5 FT

ACSR series – Full tension

Cat. no.	Conductor size (AWG or kcmil)	Decimal range Min. O.D.	Decimal range Max. O.D.	Tool	B (in.)	L (in.)
U2A9	#4 str.–1/0 str. aluminum	0.232	0.368	VC-5/VC-6	6¼	14¼
ACSR 2 FT	#4 str. – #2 str. aluminum, #4 (6/1)–#2 (7/1) ACSR, #6 sol.–#4 sol. copper, #6 str.–#2 str. copper	0.162	0.325	VC-5/VC-6	7	14¼
ACSR 1/0 FT	#2 str.–1/0 (6/1) ACSR	0.292	0.398	VC-5/VC-6	8⅜	17
ACSR 2/0 FT	#2 str.–2/0 str. aluminum, #2 (6/1)–2/0 (6/1) ACSR, #2 str.–1/0 str. copper	0.292	0.447	VC-5/VC-6	9⅛	18½
ACSR 4/0 FT	1/0 str. – 4/0 str. aluminum 1/0 (6/1)–4/0 (6/1) ACSR, 1/0 str.–3/0 str. copper	0.368	0.563	VC-6	9⅞	20
ACSR 397.5 FT	4/0–397.5 str. aluminum, 4/0 (6/1)–397.5 (18/1) ACSR, 3/0 str.–4/0 str. copper	0.470	0.743	VC-6	11	23

Diagram



Note: For tin-plating option, add "-TN" suffix to the catalog number.

Full- and semi-tension compression splices

Copper loop compression splices

39029

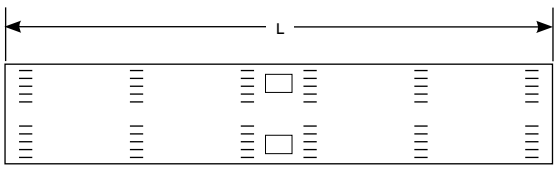
Seamless copper tubing provides high conductivity.

- All splices marked with wire size, installation die codes and compression locations, providing easy identification for easy installation
- Designed to develop 25% or more of the conductor's rated strength
- Meets or exceeds ANSI C119.4 specifications

Copper loop compression splices

Cat. no.	Wire size (AWG)	L (in.)	Installing tools and dies (compressions per end)	
			Dies-UT 5 type	Dies-hydraulic
J 1 C 1	#8 sol. & str.	2¼	TJ (2)	161
J 1 C 3	#6 sol. & str.	2¼	TJ (2)	161
L 1 C 5	#4 sol. & str.	2¼	TLTN (2)	162
Q 1 C 7	#2 sol. & #2 (7) str.	2¼	TQ (2)	–
S 1 C 7	#2 (3) str.	4¼	TS (4)	–
S 1 C 51	#1 sol.	4¼	TS (4)	–
S 1 C 8	#1 (7–19) str.	4¼	TS (4)	–
S 1 C 52	1/0 sol.	4¼	TS (4)	–
U 1 C 9	1/0 (7–19) str.	4½	TU (4)	52 (2)
39023	2/0 (7–19) str.	4½	TZ (4)	58 (2)
39026	3/0 (7–19) str.	4½	–	62 (2), 167
39029	4/0 (7–19) str.	4½	–	71 (2), 168

Diagram



Note: For tin-plating option, add "-TN" suffix to the catalog number.

Full- and semi-tension compression splices

Copper full-tension compression splices


Q 2 C 7


L 2 E 3


2729


U 2 C 9

Seamless copper tubing provides high conductivity for full-tension applications.

- All splices marked with wire size, installation die codes and compression locations, providing easy identification for easy installation
- Designed to develop 95% or more of the conductor's rated strength
- Meets or exceeds ANSI C119.4 specifications
- Selected models are RUS accepted

Copper full-tension compression splices

Cat. no.	Wire size (AWG)	L (in.)	Installing dies
Copper conductors			
J 2 C 1	#8 sol. & str.	1 15/16	TJ, 161
J 2 C 3*	#6 sol. & str.	2 1/4	TJ, 161, J
L 2 C 4	#4 sol.	3 1/4	TLTN, 162, 3/8
L 2 C 5*	#4 str.	3 1/4	TLTN, 162, 3/8
Q 2 C 6	#2 sol.	4 3/8	TQ, 1/2, 163
Q 2 C 7	#2 (7) str.	4 3/8	TQ, 1/2, 163
S 2 C 7*	#2 (3) str.	4 1/4	TS, 9/16, 164
S 2 C 52	1/0 str.	4 1/4	TS, 9/16, 164
U 2 C 9*	1/0 (7–19) str.	5 1/4	TU
Z 2 C 1	2/0 (7–19) str.	5 1/4	TZ, 166
2723	2/0 (7–19) str.	6 1/2	58, 245
2726	3/0 (7–19) str.	6 1/2	62, 167
2729	4/0 (7–19) str.	8 3/8	71, 840, 168
Copperweld® copper conductors			
L 2 E 1*	8A	5 3/16	TLTN, 162
L 2 E 3*	6A	5 3/16	TLTN, 162
CFT series			
C F T 8 S-J	#8 sol.	2	J161
C F T 6 S-J	#6 sol.	2 1/4	J161
C F T 4 S-P	#4 sol.	2 3/4	P162
C F T 2 S-X	#2 sol.	3	X163
C F T 8 J	#8 (7) str.	2 1/4	J161
C F T 6 J	#6 (7) str.	2 1/4	J161
C F T 4 P	#4 (7) str.	2 3/4	P162
C F T 2 X	#4 (7) str.	3	X163

Diagram

* RUS accepted
Note: For tin-plating option, add "-TN" suffix to the catalog number.

Automatic splices and deadends

ATS Autoset® automatic splices

Make quick, dependable overhead tension splices and speed up installation time.
Blackburn® automatic connectors make fast and dependable overhead tension splices that take a bite out of installation time. The conductor simply slips into the color-coded, funnel-shaped end piece and automatically enters the pilot cup with a gentle push. The pilot cup guides the conductor past the unique serrated jaws and into the center of the connector. When the conductor meets the center stop, the pull-back locks it into position as the jaws firmly clamp down. The more pull, the more bite, which provides an instant, positive and automatic connection.

- Color-coded, funnel-shaped end pieces provide instant visual identification of maximum conductor size and swiftly guide conductor into position for insertion
- Pilot caps envelop cable strands and guide the conductors into the center of the splice
- Die-cast precision-made jaws provide optimum contact area for a greater range of conductor sizes
- Compression spring positions the jaw for positive conductor acceptance
- Tubular center stop automatically determines proper insertion length of both conductors
- High-strength aluminum-alloy tubing covers the connection for superior corrosion protection and long-lasting durability
- Color-coded tape enables identification of the minimum conductor size of wide-range connectors – it further eliminates errors and speeds up installations!

ATS Autoset automatic splices

Cat. no.	Conductor range (AWG or kcmil) ACSR	AAAC	AAC	Decimal range	Color code	Overall length (in.)
ATS4-S	#4 6/1, 7/1	#4	#4	0.232–0.260	4 – Orange	11.50
ATS4	#4 6/1, 7/1	#4	#4	0.232–0.260	4 – Orange	13.75
ATS42	#4 6/1, 7/1	#4–#2	#4–#2	0.232–0.332	4 – Orange, 2 – Red	13.75
ATS2	#2 6/1, 7/1	#2	#2	0.292–0.332	2 – Red	13.75
ATS10	1/0 6/1	1/0	1/0	0.368–0.410	1/0 – Yellow	16.25
ATS1020	1/0 6/1	1/0–2/0	1/0–2/0	0.368–0.461	1/0 – Yellow, 2/0 – Gray	16.25
ATS20	2/0 7/1	2/0	2/0	0.414–0.461	2/0 – Gray	16.25
ATS30	3/0 6/1	3/0	3/0	0.461–0.522	3/0 – Black	16.25
ATS3040	3/0 6/1	3/0–4/0	3/0–4/0	0.461–0.575	3/0 – Black, 4/0 – Pink	23.50
ATS40	4/0 6/1	4/0	4/0	0.475–0.575	4/0 – Pink	23.50
ATS266336	266 18/1, 266 26/7*, 336 18/1	312.8*	266–336	0.586–0.684	Green	23.50
ATS397477	336 26/7*, 397 18/1, 397 26/7*, 477 18/1*	394.5*	397–477	0.720–0.858	Blue	23.50

* Application limited to maximum 10,000 lb tensile.

Automatic splices and deadends

ATD-ZB stainless steel bail

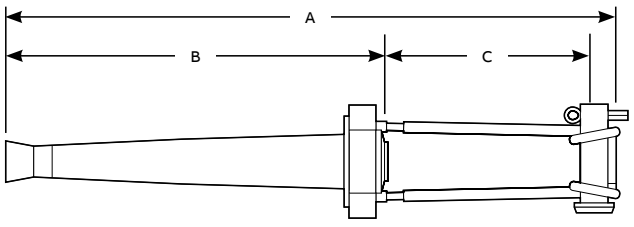
This dead-end installs quickly and easily, reducing maintenance costs and inventory.

- Color-coded, funnel-shaped end piece provides instant visual identification of maximum conductor size and swiftly guides conductor into position for insertion
- Pilot cap envelops cable strand and guides the conductor into the center of the splice
- Die-cast precision-made jaws provide optimum contact area for a greater range of conductor sizes
- Compression spring positions the jaw for positive conductor acceptance
- Special microcrystalline-based inhibitor coats the jaws and tube's inner diameter, seals the connection and provides a high-pressure lubricant for long-term, continuous performance
- Factory-installed dust covers repel dirt and debris
- Versatile for deadending ACSR, AAC and AAAC conductors
- Breaking strength exceeds 95% of conductor's rated strength, up to a maximum of 10,000 lbs
- Galvanized steel clevis pin and stainless steel cotter pin (included) enable the bail to be used with standard deadend suspension insulators
- Color-coded tape enables identification of the minimum conductor size of wide-range connectors – it further eliminates errors and speeds up installations

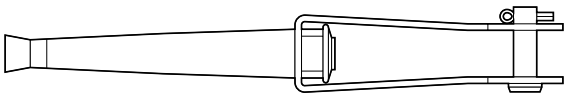
ATD-ZB stainless steel bail

	Conductor range (AWG or kcmil)					Approximate dimensions (in.)		
Cat. no.	ACSR	AAAC	AAC	Decimal range	Color code	A	B	C
ATD42ZB	#4 6/1, 7/1; #2 6/1, 7/1	#4, #2	#4, #2	0.232–0.332	4 – Orange, 2 – Red	12 13/16	7 13/16	5 1/16
ATD1020ZB	1/0 6/1, 2/0 6/1	1/0, 2/0	1/0, 2/0	0.368–0.461	1/0 – Yellow, 2/0 – Gray	14 1/2	9	4 15/16
ATD3040ZB	3/0 6/1, 4/0 6/1	3/0, 4/0	3/0, 4/0	0.461–0.575	3/0 – Black, 4/0 – Pink	20 3/4	11 3/4	8 1/2
ATD266336ZB	266 18/1, 336 18/1	266, 336	266, 336	0.586–0.684	Green	20 3/4	11 3/4	8 1/2
ATD397477ZB	397 18/1, 477 18/1	397, 477	397, 477	0.720–0.858	Blue	20 3/4	11 3/4	8 1/2

Diagrams



Type ZB



Automatic splices and deadends

ATD-CB clevis bracket & ATD-FB flexible bail

ATD42CB

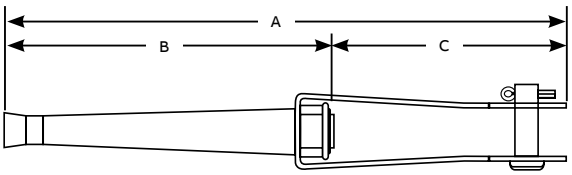
Grab and go – slots are provided for use with standard pulling hooks.

- Versatile for dead-ending ACSR, AAC and AAAC conductors
- Breaking strength exceeds 95% of conductor's rated strength, up to a maximum of 10,000 lbs
- Galvanized steel clevis pin and stainless steel cotter pin (included) enable the bail to be used with standard deadend suspension insulators

ATD-CB clevis bracket

	Conductor range (AWG or kcmil)					Approximate dimensions (in.)		
Cat. no.	**ACSR**	**AAAC**	**AAC**	**Decimal range**	**Color code**	**A**	**B**	**C**
ATD42CB	#4 6/1, 7/1; #2 6/1, 7/1	#4, # 2	#4, #2	0.232–0.332	4 – Orange, 2 – Red	12 9/16	7 3/16	5 1/16
ATD1020CB	1/0 6/1, 2/0 6/1	1/0, 2/0	1/0, 2/0	0.368–0.461	1/0 – Yellow, 2/0 – Gray	15 1/4	9	5 3/8
ATD3040CB	3/0 6/1, 4/0 6/1	3/0, 4/0	3/0, 4/0	0.461–0.575	3/0 – Black, 4/0 – Pink	20 3/4	11 3/4	6 1/2
ATD266336CB	266 18/1, 336 18/1	266, 336	266, 336	0.586–0.684	Green	19 3/16	11 3/4	6 1/2
ATD397477CB	397 18/1, 477 18/1	397, 477	397, 477	0.720–0.858	Blue	19 3/16	11 3/4	6 1/2

Diagram



ATD42FB

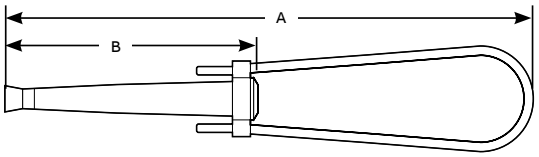
Use with spool-type and other insulators when flexibility is a must.

- Versatile for dead-ending ACSR, AAC and AAAC conductors
- Breaking strength exceeds 95% of conductor's rated strength

ATD-FB flexible bail

	Conductor range (AWG or kcmil)					Approximate dimensions (in.)	
Cat. no.	**ACSR**	**AAAC**	**AAC**	**Decimal range**	**Color code**	**A**	**B**
ATD42FB	#4 6/1, 7/1; #2 6/1, 7/1	#4, #2	#4, #2	0.232 –0.332	4 – Orange, 2 – Red	14 3/16	7 3/16
ATD1020FB	1/0 6/1, 2/0 6/1	1/0, 2/0	1/0, 2/0	0.368 –0.461	1/0 – Yellow, 2/0 – Gray	18 7/8	9

Diagram



Hot-line clamps

HLC™ hot-line clamps (protected thread)

Hot-line clamps built for all seasons.

- Eyebolt coated with grease to ensure easy turning in all weather conditions
- Built for general/copper applications and available for a wide conductor range

HLC hot-line clamps (protected thread)

			Conductor range			
				Main		Tap
Cat. no.	Body	For wire combination	ACSR	AWG or kcmil	ACSR	AWG
HLC2108*	Bronze	Copper to copper	–	2/0–#8	–	2/0
HLC2108P	Plated bronze	General purpose	2/0–#6	2/0–#8	2/0–#6	2/0–#8
HLC2108AP9	Plated aluminum	General purpose	2/0–#6	2/0–#8	2/0–#6	2/0–#8
HLC3974	Bronze	Copper to copper	–	400–#6 sol.	–	4/0–#6 sol.
HLC3974P	Plated bronze	General purpose	–	400–#6 sol.	3/0–#6	4/0–#6 sol.
HLC3974AP	Plated aluminum	General purpose	397.5–#6	400–#6 sol.	3/0–#6	4/0–#6 sol.

* RUS accepted.
Note: For oxide-inhibitor option, add “-9” suffix to the catalog number.

Hot-line clamps

PGH™ center-bolt parallel-groove hot-tap clamps

Reliable performance for years to come.

- Tight, secure fittings to positively secure main and tap wires
- Catalog numbers ending with 9 are prefilled with oxide inhibitor to prevent oxidation and keep out moisture

PGH center-bolt parallel-groove hot-tap clamps

Std. Cat. no.	Prefilled Cat no.	Conductor range				Conductor diameter (in.)				Center bolts			Dimensions (in.)		
		Main		Tap		Main		Tap							
		ACSR	AWG or kcmil	ACSR	AWG	Max.	Min.	Max.	Min.	No.	Dia.	Fig.	W	H	L
–	PGH29	2/0–#8	2/0 str.–#8 sol.	1/0–#8	1/0 str.–#8 sol.	0.447	0.128	0.398	0.128	1	½	1	2⅜	5¾	2⅜
PGH4	PGH49	397.5–#6, 2/0–#6	450–#4 sol.	3/0–#6	4/0 str.–#6 sol.	0.781	0.198	0.528	0.162	1	½	1	3 5/16	6 5/16	2 7/16
–	PGH69	397.5 18/1–#2 AR	1000–4/0 str.	266–#6	300–#6 sol.	1.152	0.522	0.657	0.162	2	½	2	4	6¾	4¼
–	PGH6129*	874–4/0, 397. 5 18/1–#2 AR	1000–4/0 str.	266–#6	300–#6 sol.	1.152	0.522	0.657	0.162	1	½	3	3⅝	6¾	3 1/16
Copper clamps															
PGH3	PGH39	–	2/0 str.–#8 sol.	–	2/0 Str. #8 sol.	0.419	0.419	0.128	0.128	1	7/16	1	2⅜	5¼	1¼

Diagrams

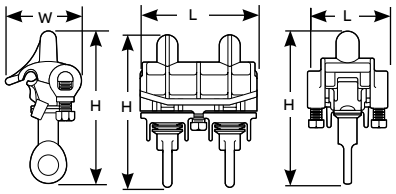


Fig. 1 Fig. 2 Fig. 3

* PGH6129 has two hex-head bolt and pressure pad tap conductor retainers. AR – with armor rod.
Note: Copper clamps are for use on copper conductors only.