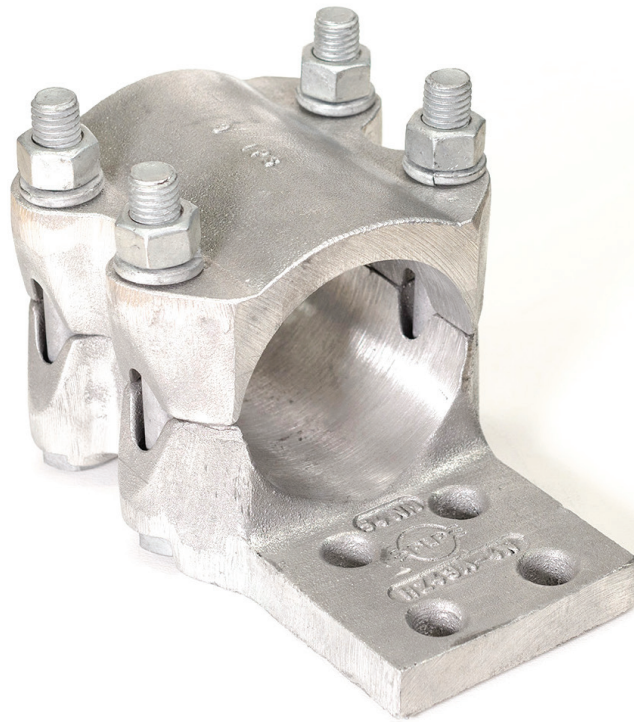
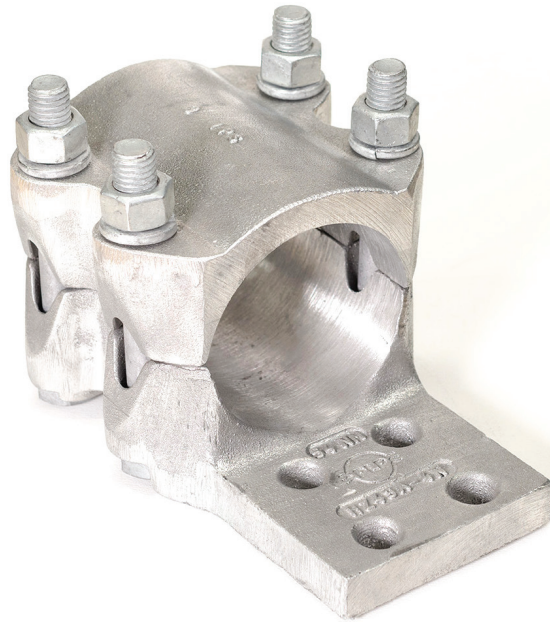




SECTION 1

TERMINALS

SUBSTATION CONNECTORS - 230KV AND BELOW



TERMINALS

PLP **Substation Terminals** for 230kV and below are designed to connect a bus tube or stranded conductor to a terminal pad connection on primary substation equipment. All contact faces are manufactured to maximize contact surface area and provide a superior installed fit.

FEATURES AND BENEFITS

- Complete range of sizes for connecting most standard bus tube or stranded conductor to a terminal pad
- Terminal pad dimensions comply to ANSI/NEMA CC-1 standard
- Solutions for bolted, compression, and weldment applications
- Available in aluminum and bronze, with tin plating capabilities for both materials
- Custom design solutions available to secure your most challenging connections

HZ-A

Aluminum Bolted Terminal Tube to Pad 230kV and Below

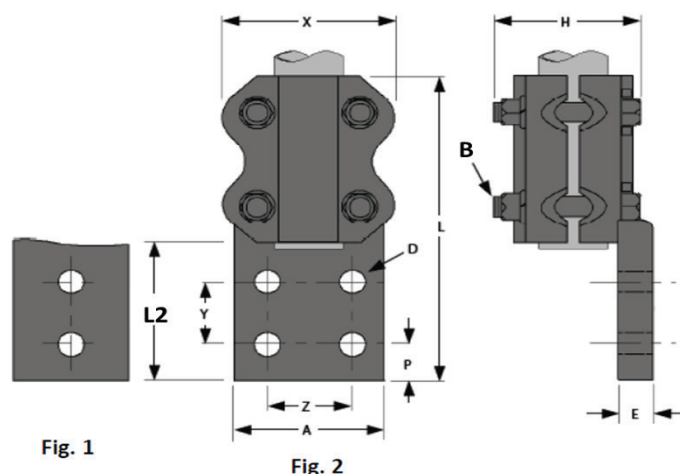
Aluminum alloy terminal to connect tube in the main to a flat pad surface. Electrical joint compound is recommended for all tube/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: HZ37A-2N with Stainless Steel Hardware would be HZ37A-2N-SS.



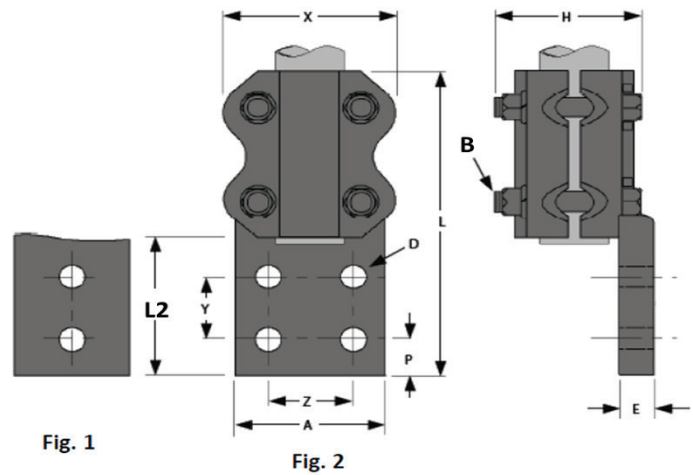
Part Number	Figure	NPS Tube Diameter	Dimensions									
			in (mm)									
			A	D	E	H	L	L2	P	B	X	Y/Z
HZ37A-2N	1	3/4	1.61 (41)	0.56 (14)	0.39 (10)	3.11 (79)	6.50 (165)	3.00 (76)	0.63 (16)	1/2 (13)	2.80 (71)	1.75 (44)
HZ37A-4N	2	3/4	3.00 (76)	0.56 (14)	0.39 (10)	3.11 (79)	6.50 (165)	3.00 (76)	0.63 (16)	1/2 (13)	2.80 (71)	1.75 (44)
HZ38A-2N	1	1	1.89 (48)	0.56 (14)	0.51 (13)	3.43 (87)	6.81 (173)	3.00 (76)	0.63 (16)	1/2 (13)	3.07 (78)	1.75 (44)
HZ38A-4N	2	1	3.00 (76)	0.56 (14)	0.51 (13)	3.43 (87)	6.81 (173)	3.00 (76)	0.63 (16)	1/2 (13)	3.07 (78)	1.75 (44)
HZ39A-2N	1	1-1/4	2.24 (57)	0.56 (14)	0.51 (13)	2.87 (73)	7.01 (178)	3.00 (76)	0.63 (16)	1/2 (13)	3.35 (85)	1.75 (44)
HZ39A-4N	2	1-1/4	3.00 (76)	0.56 (14)	0.51 (13)	2.87 (73)	7.01 (178)	3.00 (76)	0.63 (16)	1/2 (13)	3.35 (85)	1.75 (44)
HZ40A-2N	1	1-1/2	2.52 (64)	0.56 (14)	0.51 (13)	3.90 (99)	7.52 (191)	3.00 (76)	0.63 (16)	1/2 (13)	3.82 (97)	1.75 (44)
HZ40A-4N	2	1-1/2	3.00 (76)	0.56 (14)	0.51 (13)	3.90 (99)	7.52 (191)	3.00 (76)	0.63 (16)	1/2 (13)	3.82 (97)	1.75 (44)
HZ40A-4N4	2	1-1/2	4.00 (102)	0.56 (14)	0.51 (13)	3.90 (99)	8.70 (221)	4.00 (102)	1.13 (29)	1/2 (13)	3.82 (97)	1.75 (44)
HZ41A-2N	1	2	2.76 (70)	0.56 (14)	0.51 (13)	4.45 (113)	7.76 (197)	3.00 (76)	0.63 (16)	5/8 (16)	4.61 (117)	1.75 (44)
HZ41A-4N	2	2	3.11 (79)	0.56 (14)	0.71 (18)	4.45 (113)	7.76 (197)	3.00 (76)	0.63 (16)	5/8 (16)	4.61 (117)	1.75 (44)
HZ41A-4N4	2	2	4.00 (102)	0.56 (14)	0.71 (18)	4.45 (113)	8.46 (215)	4.00 (102)	1.13 (29)	5/8 (16)	4.61 (117)	1.75 (44)
HZ42A-2N	1	2-1/2	3.00 (76)	0.56 (14)	0.71 (18)	4.96 (126)	7.76 (197)	3.00 (76)	0.63 (16)	5/8 (16)	4.92 (125)	1.75 (44)
HZ42A-4N	2	2-1/2	3.74 (95)	0.56 (14)	0.71 (18)	4.96 (126)	7.76 (197)	3.00 (76)	0.63 (16)	5/8 (16)	4.92 (125)	1.75 (44)
HZ42A-4N4	2	2-1/2	4.00 (102)	0.56 (14)	0.71 (18)	4.96 (126)	8.78 (223)	4.00 (102)	1.13 (29)	5/8 (16)	4.92 (125)	1.75 (44)
HZ43A-2N	1	3	3.74 (95)	0.56 (14)	0.71 (18)	5.43 (138)	8.11 (206)	3.00 (76)	0.63 (16)	5/8 (16)	5.51 (140)	1.75 (44)
HZ43A-4N	2	3	3.74 (95)	0.56 (14)	0.71 (18)	5.43 (138)	8.11 (206)	3.00 (76)	0.63 (16)	5/8 (16)	5.51 (140)	1.75 (44)

HZ-A CONTINUED

Aluminum Bolted Terminal

Tube to Pad

230kV and Below



Part Number	Figure	NPS Tube Diameter	Dimensions									
			in (mm)									
			A	D	E	H	L	L2	P	B	X	Y/Z
HZ43A-4N4	2	3	4.00 (102)	0.56 (14)	0.71 (18)	5.43 (138)	9.25 (235)	4.00 (102)	1.13 (29)	5/8 (16)	5.51 (140)	1.75 (44)
HZ44A-2N	1	3-1/2	3.74 (95)	0.56 (14)	0.71 (18)	5.43 (138)	8.74 (222)	3.00 (76)	0.63 (16)	5/8 (16)	6.14 (156)	1.75 (44)
HZ44A-2N4	1	3-1/2	4.00 (102)	0.56 (14)	0.71 (18)	5.43 (138)	9.76 (248)	4.00 (102)	1.13 (29)	5/8 (16)	6.14 (156)	1.75 (44)
HZ44A-4N	2	3-1/2	3.74 (95)	0.56 (14)	0.71 (18)	5.43 (138)	8.74 (222)	3.00 (76)	0.63 (16)	5/8 (16)	6.14 (156)	1.75 (44)
HZ44A-4N4	2	3-1/2	4.00 (102)	0.56 (14)	0.75 (19)	5.43 (138)	9.76 (248)	4.00 (102)	1.13 (29)	5/8 (16)	6.14 (156)	1.75 (44)
HZ45A-2N	1	4	3.74 (95)	0.56 (14)	0.75 (19)	5.94 (151)	9.57 (243)	3.00 (76)	0.63 (16)	5/8 (16)	6.61 (168)	1.75 (44)
HZ45A-4N	2	4	3.74 (95)	0.56 (14)	0.75 (19)	5.94 (151)	9.57 (243)	3.00 (76)	0.63 (16)	5/8 (16)	6.61 (168)	1.75 (44)
HZ45A-4N4	2	4	4.00 (102)	0.56 (14)	0.75 (19)	5.94 (151)	10.55 (268)	4.00 (102)	1.13 (29)	5/8 (16)	6.61 (168)	1.75 (44)
HZ47A-4N	2	5	6.50 (165)	0.56 (14)	0.83 (21)	7.24 (184)	10.51 (267)	3.00 (76)	0.63 (16)	5/8 (16)	7.76 (197)	1.75 (44)
HZ47A-4N4	2	5	6.50 (165)	0.56 (14)	0.83 (21)	7.24 (184)	11.50 (292)	4.00 (102)	1.13 (29)	5/8 (16)	7.76 (197)	1.75 (44)
HZ49A-4N4	2	6	7.64 (194)	0.56 (14)	1.00 (25)	8.58 (218)	12.52 (318)	4.00 (102)	1.13 (29)	5/8 (16)	8.78 (223)	1.75 (44)

HZ-A-90

Aluminum Bolted Terminal Tube to 90-Degree Pad 230kV and Below

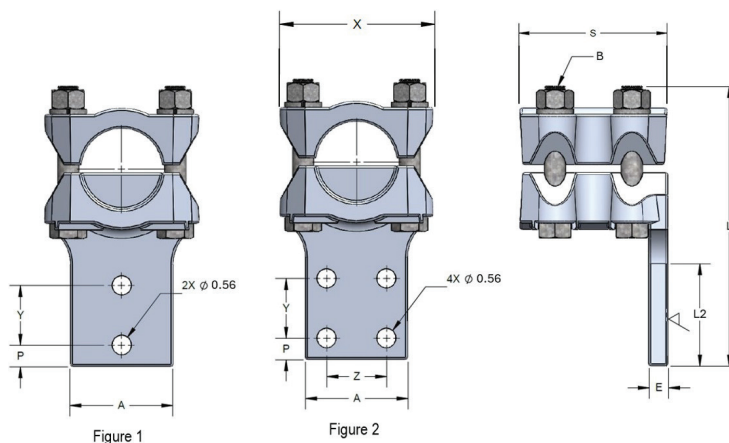
Aluminum alloy terminal to connect tube in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all tube/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: HZ37A-2N-90 with Stainless Steel Hardware would be HZ37A-2N-90-SS.



Part Number	Figure	NPS Tube Diameter	Dimensions									
			in (mm)									
			A	E	L	L2	P	S	B	X	Y	Z
HZ37A-2N-90	1	3/4	2.52 (64)	0.39 (10)	7.13 (181)	3.00 (76)	0.63 (16)	3.70 (94)	1/2 (13)	2.80 (71)	1.75 (45)	N/A
HZ38A-2N-90	1	1	2.52 (64)	0.39 (10)	7.13 (181)	3.00 (76)	0.63 (16)	3.90 (99)	1/2 (13)	3.07 (78)	1.75 (45)	N/A
HZ38A-4N-90	2	1	3.00 (76)	0.51 (13)	7.13 (181)	3.00 (76)	0.63 (16)	4.02 (102)	1/2 (13)	3.07 (78)	1.75 (45)	1.75 (45)
HZ39A-4N-90	2	1-1/4	3.00 (76)	0.51 (13)	6.30 (160)	3.00 (76)	0.63 (16)	4.37 (111)	1/2 (13)	3.35 (85)	1.75 (45)	1.75 (45)
HZ40A-4N-90	2	1-1/2	3.00 (76)	0.51 (13)	7.01 (178)	3.00 (76)	0.63 (16)	4.53 (115)	1/2 (13)	3.74 (95)	1.75 (45)	1.75 (45)
HZ41A-2N-90	1	2	3.00 (76)	0.51 (13)	7.52 (191)	3.00 (76)	0.63 (16)	4.76 (121)	5/8 (16)	4.57 (116)	1.75 (45)	N/A
HZ41A-4N-90	2	2	3.00 (76)	0.51 (13)	7.52 (191)	3.00 (76)	0.63 (16)	4.76 (121)	5/8 (16)	4.57 (116)	1.75 (45)	1.75 (45)
HZ42A-4N-90	2	2-1/2	3.75 (95)	0.67 (17)	8.66 (220)	3.00 (76)	0.63 (16)	4.76 (121)	5/8 (16)	4.92 (125)	1.75 (45)	1.75 (45)
HZ42A-4N4-90	2	2-1/2	4.00 (102)	0.67 (17)	9.06 (230)	4.00 (102)	1.14 (29)	4.76 (121)	5/8 (16)	4.92 (125)	1.75 (45)	1.75 (45)
HZ43A-4N-90	2	3	4.35 (110)	0.67 (17)	9.29 (236)	3.00 (76)	0.63 (16)	5.63 (143)	5/8 (16)	5.51 (140)	1.75 (45)	1.75 (45)
HZ43A-4N4-90	2	3	4.35 (110)	0.67 (17)	9.29 (236)	4.00 (102)	1.14 (29)	5.63 (143)	5/8 (16)	5.51 (140)	1.75 (45)	1.75 (45)
HZ44A-4N4-90	2	3-1/2	4.72 (120)	0.79 (20)	9.69 (246)	4.00 (102)	1.14 (29)	5.83 (148)	5/8 (16)	6.14 (156)	1.75 (45)	1.75 (45)

HZR-A

Aluminum Bolted Terminal

Cable to Pad

230kV and Below

Aluminum alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: HZR14A-2N with Stainless Steel Hardware would be HZR14A-2N-SS.

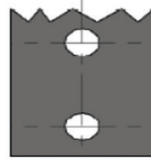


Fig. 1

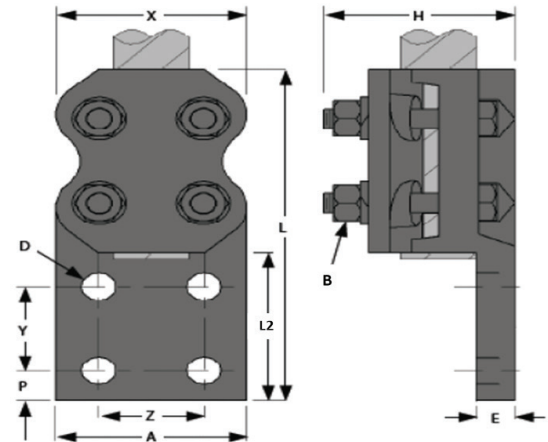


Fig. 2

Part Number	Figure	AAC	AAC Diameter	ACSR	ACSR Diameter	Dimensions									
						in (mm)									
						A	D	E	H	L	L2	P	B	X	Y/Z
HZR14A-2N	1	1/0T-250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	1.65 (42)	0.56 (14)	0.35 (9)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	1/2 (13)	2.48 (63)	1.75 (44)
HZR14A-M2	1	1/0T-250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	1.57 (40)	0.63 (16)	0.35 (9)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	1/2 (13)	2.80 (71)	1.75 (44)
HZR14A-M4	1	1/0T-250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	1.57 (40)	0.56 (14)	0.35 (9)	2.28 (58)	5.91 (150)	3.00 (76)	0.71 (18)	1/2 (13)	2.48 (63)	1.75 (44)
HZR14A-4N	2	1/0T-250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	3.00 (76)	0.56 (14)	0.35 (9)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	1/2 (13)	2.48 (63)	1.75 (44)
HZR14A-4N4	2	1/0T-250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	4.00 (102)	0.56 (14)	0.35 (9)	2.28 (58)	6.89 (175)	4.00 (102)	1.14 (29)	1/2 (13)	2.48 (63)	1.75 (44)
HZR14A-4N4-M1	2	1/0T-250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	4.00 (102)	0.56 (14)	0.79 (20)	2.28 (58)	6.89 (175)	4.00 (102)	1.14 (29)	1/2 (13)	2.48 (63)	1.75 (44)
HZR17A-2N	1	250-400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	0.563 - .783 (14.3 - 19.9)	1.77 (45)	0.56 (14)	0.43 (11)	2.80 (71)	6.30 (160)	3.00 (76)	0.63 (16)	1/2 (13)	2.64 (67)	1.75 (44)
HZR17A-4N	2	250-400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	0.563 - .783 (14.3 - 19.9)	3.00 (76)	0.56 (14)	0.43 (11)	2.80 (71)	6.30 (160)	3.00 (76)	0.63 (16)	1/2 (13)	2.64 (67)	1.75 (44)
HZR17A-4N4	2	250-400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	.563 - .783 (14.3 - 19.9)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.28 (185)	4.00 (102)	1.14 (29)	1/2 (13)	2.64 (67)	1.75 (44)
HZR17A-4M	2	250-400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	.563 - .783 (14.3 - 19.9)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.28 (185)	4.00 (102)	0.98 (25)	1/2 (13)	2.64 (67)	1.75 (44)
HZR21A-2N	1	350-600	0.681 - 0.893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	1.77 (45)	0.56 (14)	0.43 (11)	2.80 (71)	6.42 (163)	3.00 (76)	0.63 (16)	1/2 (13)	2.76 (70)	1.75 (44)
HZR21A-M3	1	350-600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	1.77 (45)	0.63 (16)	0.43 (11)	2.80 (71)	6.42 (163)	3.00 (76)	0.63 (16)	1/2 (13)	2.76 (70)	1.75 (44)
HZR21A-M6	1	350-600	0.681 - 0.893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	1.57 (40)	0.56 (14)	0.43 (11)	2.80 (71)	6.57 (167)	3.15 (80)	0.79 (20)	1/2 (13)	2.76 (70)	1.26 (32)
HZR21A-M7	1	350-600	0.681 - 0.893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	1.77 (45)	0.56 (14)	0.43 (11)	2.80 (71)	6.42 (163)	3.00 (76)	0.63 (16)	1/2 (13)	2.76 (70)	1.18 (30)
HZR21A-4N	2	350-600	0.681 - 0.893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	3.00 (76)	0.56 (14)	0.43 (11)	2.80 (71)	6.42 (163)	3.00 (76)	0.63 (16)	1/2 (13)	2.76 (70)	1.75 (44)
HZR21A-4N4	2	350-600	0.681 - 0.893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.40 (188)	4.00 (102)	1.14 (29)	1/2 (13)	2.76 (70)	1.75 (44)
HZR21A-4M	2	350-600	0.681 - 0.893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.40 (188)	4.00 (102)	0.98 (25)	1/2 (13)	2.76 (70)	1.97 (50)
HZR21A-M1	2	350-600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.40 (188)	4.00 (102)	1.14 (29)	1/2 (13)	2.76 (70)	1.75 (44)
HZR21A-M2	2	350-600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.40 (188)	4.00 (102)	1.18 (30)	1/2 (13)	2.76 (70)	1.57 (40)
HZR21A-M5	2	350-600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	4.00 (102)	0.56 (14)	0.43 (11)	2.80 (71)	7.40 (188)	4.00 (102)	1.02 (26)	1/2 (13)	2.76 (70)	1.85 (47)
HZR21A-M8	2	350-600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	3.15 (80)	0.56 (14)	0.43 (11)	2.80 (71)	6.57 (167)	3.15 (80)	0.79 (20)	1/2 (13)	2.76 (70)	1.57 (40)
HZR27A-2N	1	600-900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	2.00 (51)	0.56 (14)	0.51 (13)	3.15 (80)	6.73 (171)	3.00 (76)	0.63 (16)	1/2 (13)	3.00 (76)	1.75 (44)
HZR27A-4N	2	600-900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	3.00 (76)	0.56 (14)	0.51 (13)	3.15 (80)	6.73 (171)	3.00 (76)	0.63 (16)	1/2 (13)	3.00 (76)	1.75 (44)

HZR-A CONTINUED

Aluminum Bolted Terminal

Cable to Pad

230kV and Below

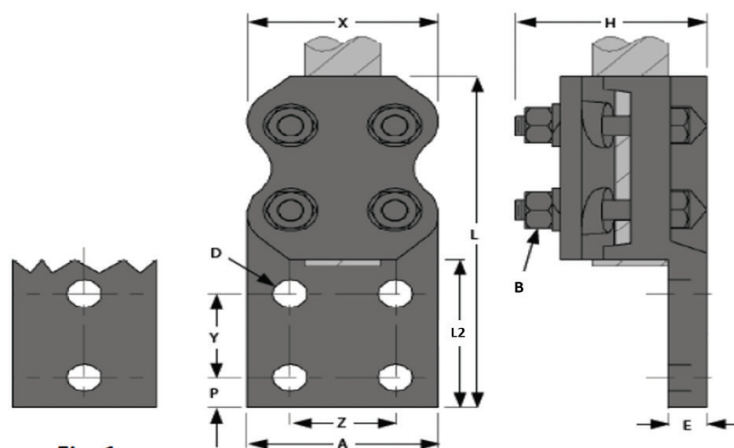


Fig. 1

Fig. 2

Part Number	Figure	AAC	AAC Diameter	ACSR	ACSR Diameter	Dimensions									
			in (mm)		in (mm)										
					A	D	E	H	L	L2	P	B	X	Y/Z	
HZR27A-4N4	2	600-900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	4.00 (102)	0.56 (14)	0.51 (13)	3.15 (80)	7.91 (201)	4.00 (102)	1.14 (29)	1/2 (13)	3.00 (76)	1.75 (44)
HZR27A-4M	2	600-900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	4.00 (102)	0.56 (14)	0.51 (13)	3.15 (80)	7.91 (201)	4.00 (102)	0.98 (25)	1/2 (13)	3.00 (76)	1.97 (50)
HZR29A-2N	1	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	2.64 (67)	0.56 (14)	0.51 (13)	3.62 (92)	6.89 (175)	3.00 (76)	0.63 (16)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-4N	2	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	3.07 (78)	0.56 (14)	0.51 (13)	3.62 (92)	6.89 (175)	3.00 (76)	0.63 (16)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-4N4	2	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.00 (102)	0.56 (14)	0.51 (13)	3.62 (92)	8.19 (208)	4.00 (102)	1.14 (29)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-4M	2	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.00 (102)	0.56 (14)	0.51 (13)	3.62 (92)	8.19 (208)	4.00 (102)	0.98 (25)	1/2 (13)	3.19 (81)	1.97 (50)
HZR29A-M3	2	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.92 (125)	0.56 (14)	0.63 (16)	3.62 (92)	9.09 (231)	4.92 (125)	1.18 (30)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-M4	2	900-1250	1.094 - 1.289 (27.8 - 32.7)"	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	3.15 (80)	0.56 (14)	0.63 (16)	3.62 (92)	7.09 (180)	3.15 (80)	0.63 (16)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-M5	2	900-1250	1.094 - 1.289 (27.8 - 32.7)"	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	3.15 (80)	0.56 (14)	0.63 (16)	3.62 (92)	7.09 (180)	3.15 (80)	0.79 (20)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-M12	2	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.92 (125)	0.71 (18)	0.51 (13)	3.62 (92)	10.51 (267)	4.33 (110)	0.79 (20)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-M13	2	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	3.15 (80)	0.59 (15)	0.51 (13)	3.62 (92)	10.51 (267)	4.33 (110)	0.71 (18)	1/2 (13)	3.19 (81)	1.75 (44)
HZR29A-M17	1	900-1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	2.64 (67)	0.56 (14)	0.51 (13)	3.62 (92)	8.19 (208)	3.94 (100)	1.10 (28)	1/2 (13)	3.19 (81)	1.75 (44)
HZR30A-2N	1	1250-1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	3.07 (78)	0.56 (14)	0.63 (16)	3.66 (93)	7.99 (203)	3.00 (76)	0.63 (16)	5/8 (16)	3.70 (94)	1.75 (44)
HZR30A-4N	2	1250-1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	3.07 (78)	0.56 (14)	0.63 (16)	3.66 (93)	7.99 (203)	3.00 (76)	0.63 (16)	5/8 (16)	3.70 (94)	1.75 (44)
HZR30A-4N4	2	1250-1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.00 (102)	0.56 (14)	0.63 (16)	3.66 (93)	8.98 (228)	4.00 (102)	1.14 (29)	5/8 (16)	3.70 (94)	1.75 (44)
HZR30A-4N4-M1	2	1250-1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.00 (102)	0.56 (14)	0.79 (20)	3.66 (93)	8.98 (228)	4.00 (102)	1.14 (29)	5/8 (16)	3.70 (94)	1.75 (44)
HZR30A-4M	2	1250-1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.00 (102)	0.56 (14)	0.63 (16)	3.66 (93)	8.98 (228)	4.00 (102)	0.98 (25)	5/8 (16)	3.70 (94)	1.97 (50)
HZR30A-M1	2	1250-1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.92 (125)	0.63 (16)	0.63 (16)	3.66 (93)	9.76 (248)	4.72 (120)	0.63 (16)	5/8 (16)	3.70 (94)	1.75 (44)
HZR32A-2N	1	1500-2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780(84/19)	1.382 - 1.602 (35.1 - 40.7)	3.07 (78)	0.56 (14)	0.71 (18)	3.90 (99)	8.23 (209)	3.00 (76)	0.63 (16)	5/8 (16)	3.82 (97)	1.75 (44)
HZR32A-4N	2	1500-2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	3.07 (78)	0.56 (14)	0.71 (18)	3.90 (99)	8.23 (209)	3.00 (76)	0.63 (16)	5/8 (16)	3.82 (97)	1.75 (44)
HZR32A-4N4	2	1500-2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	4.00 (102)	0.56 (14)	0.71 (18)	3.90 (99)	9.21 (234)	4.00 (102)	1.14 (29)	5/8 (16)	3.82 (97)	1.75 (44)
HZR32A-4M	2	1500-2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	4.00 (102)	0.56 (14)	0.71 (18)	3.90 (99)	9.21 (234)	4.00 (102)	0.98 (25)	5/8 (16)	3.82 (97)	1.97 (50)

*S denotes SOLID wire, and T denotes STRANDED wire

HZR-A-90

Aluminum Bolted Terminal Cable to 90-Degree Pad 230kV and Below

Aluminum alloy terminal to connect cable in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: HZR14A-2N-90 with Stainless Steel Hardware would be HZR14A-2N-90-SS.

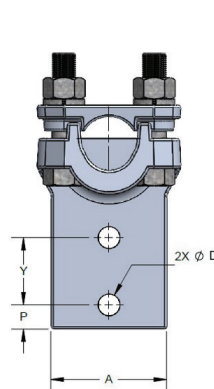


Figure 1

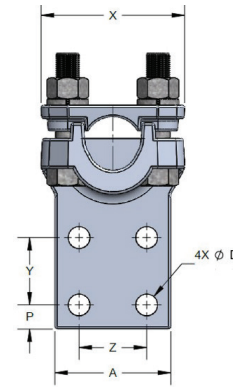
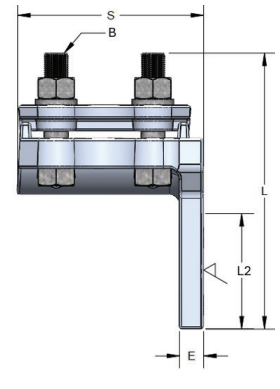


Figure 2



Part Number	Figure	AAC	AAC Diameter in (mm)	ACSR	ACSR Diameter in (mm)	Dimensions										
						in (mm)										
						A	D	E	L	L2	P	S	B	X	Y	Z
HZR14A-2N-90	1	1/0T - 250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	1.64 (42)	0.56 (14)	0.35 (9)	5.35 (136)	3.00 (76)	0.63 (16)	3.27 (83)	1/2 (13)	2.48 (63)	1.75 (45)	N/A
HZR14A-4N-90	2	1/0T - 250(*)	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - .563 (10.1 - 14.3)	3.00 (76)	0.56 (14)	0.35 (9)	5.35 (136)	3.00 (76)	0.63 (16)	3.27 (83)	1/2 (13)	2.48 (63)	1.75 (45)	1.75 (45)
HZR17A-2N-90	1	250 - 400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	0.563 - .783 (14.3 - 19.9)	1.68 (43)	0.56 (14)	0.35 (9)	5.94 (151)	3.00 (76)	0.63 (16)	3.50 (89)	1/2 (13)	2.64 (67)	1.75 (45)	N/A
HZR17A-4N-90	2	250 - 400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	0.563 - .783 (14.3 - 19.9)	3.00 (76)	0.56 (14)	0.35 (9)	5.94 (151)	3.00 (76)	0.63 (16)	3.50 (89)	1/2 (13)	2.64 (67)	1.75 (45)	1.75 (45)
HZR21A-2N-90	1	350 - 600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	1.75 (45)	0.56 (14)	0.51 (13)	5.94 (151)	3.00 (76)	0.63 (16)	3.94 (100)	1/2 (13)	2.76 (70)	1.75 (45)	N/A
HZR21A-4N-90	2	350 - 600	0.681 - .893 (17.3 - 22.7)	336 (18/1) - 477 (30/7)	.684 - .883 (17.4 - 22.4)	3.00 (76)	0.56 (14)	0.51 (13)	5.94 (151)	3.00 (76)	0.63 (16)	3.94 (100)	1/2 (13)	2.76 (70)	1.75 (45)	1.75 (45)
HZR27A-2N-90	1	600 - 900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	2.00 (51)	0.56 (14)	0.51 (13)	6.61 (168)	3.00 (76)	0.63 (16)	4.25 (108)	1/2 (13)	3.00 (76)	1.75 (45)	N/A
HZR27A-4N-90	2	600 - 900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	3.00 (76)	0.56 (14)	0.51 (13)	6.61 (168)	3.00 (76)	0.63 (16)	4.25 (108)	1/2 (13)	3.00 (76)	1.75 (45)	1.75 (45)
HZR27A-4N4-90	2	600 - 900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	.883 - 1.093 (22.4 - 27.8)	4.00 (102)	0.56 (14)	0.55 (14)	7.36 (187)	4.00 (102)	1.14 (29)	4.02 (102)	1/2 (13)	3.00 (76)	1.75 (45)	1.75 (45)
HZR29A-2N-90	1	900 - 1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	2.00 (51)	0.56 (14)	0.51 (13)	6.97 (177)	3.00 (76)	0.63 (16)	4.65 (118)	1/2 (13)	3.19 (81)	1.75 (45)	N/A
HZR29A-4N-90	2	900 - 1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	3.00 (76)	0.56 (14)	0.55 (14)	6.97 (177)	3.00 (76)	0.63 (16)	4.65 (118)	1/2 (13)	3.19 (81)	1.75 (45)	1.75 (45)
HZR29A-4N4-90	2	900 - 1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.00 (102)	0.56 (14)	0.51 (13)	7.64 (194)	4.00 (102)	1.14 (29)	4.65 (118)	1/2 (13)	3.19 (81)	1.75 (45)	1.75 (45)
HZR30A-2N-90	1	1250 - 1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	3.00 (76)	0.56 (14)	0.63 (16)	6.93 (176)	3.00 (76)	0.63 (16)	4.84 (123)	5/8 (16)	3.70 (94)	1.75 (45)	N/A
HZR30A-4N-90	2	1250 - 1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	3.00 (76)	0.56 (14)	0.63 (16)	6.93 (176)	3.00 (76)	0.63 (16)	4.84 (123)	5/8 (16)	3.70 (94)	1.75 (45)	1.75 (45)
HZR32A-2N-90	1	1500 - 2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	3.00 (76)	0.56 (14)	0.71 (18)	7.17 (182)	3.00 (76)	0.63 (16)	5.35 (136)	5/8 (16)	3.90 (99)	1.75 (45)	#VAL-UE!
HZR32A-4N-90	2	1500 - 2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	3.00 (76)	0.56 (14)	0.71 (18)	7.17 (182)	3.00 (76)	0.63 (16)	5.35 (136)	5/8 (16)	3.90 (99)	1.75 (45)	1.75 (45)
HZR32A-4N4-90	2	1500 - 2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	4.00 (102)	0.56 (14)	0.71 (18)	8.15 (207)	4.00 (102)	1.14 (29)	5.35 (136)	5/8 (16)	3.90 (99)	1.75 (45)	1.75 (45)

*S denotes SOLID wire, and T denotes STRANDED wire

HZRD-A

Aluminum Bolted Terminal Cable to Pad , Large Range 230kV and Below

Aluminum alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: HZRD21A-2N with Stainless Steel Hardware would be HZRD21A-2N-SS.

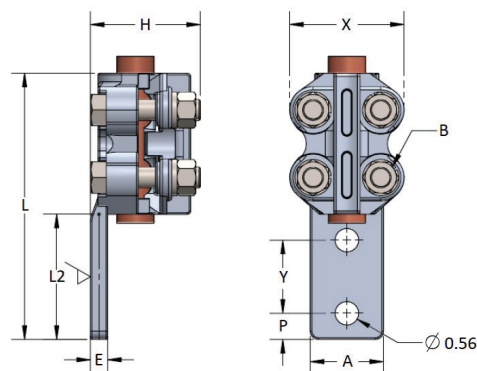


Figure 1

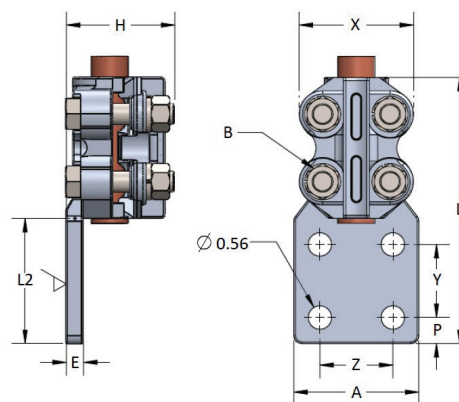


Figure 2

Part Number	Figure	AAC	AAC Diameter	ACSR	ACSR Diameter	Dimensions								
			in (mm)		in (mm)	in (mm)								
						A	E	H	L	L2	P	B	X	Y/Z
HZRD21A-2N	1	1/0T-600(*)	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	1.75 (45)	0.43 (11)	2.80 (71)	6.42 (163)	3.00 (76)	0.63 (16)	1/2 (13)	2.76 (70)	1.75 (45)
HZRD21A-4N	2	1/0T-600(*)	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	3.00 (76)	0.43 (11)	2.80 (71)	6.42 (163)	3.00 (76)	0.63 (16)	1/2 (13)	2.76 (70)	1.75 (45)
HZRD21A-4N4	2	1/0T-600(*)	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - 0.883 (10.1 - 22.4)	4.00 (102)	0.43 (11)	2.80 (71)	7.40 (188)	4.00 (102)	1.14 (29)	1/2 (13)	2.76 (70)	1.75 (45)
HZRD27A-2N	1	250-900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	2.00 (51)	0.51 (13)	3.15 (80)	6.73 (171)	3.00 (76)	0.63 (16)	1/2 (13)	3.00 (76)	1.75 (45)
HZRD27A-4N	2	250-900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	3.07 (78)	0.51 (13)	3.15 (80)	6.73 (171)	3.00 (76)	0.63 (16)	1/2 (13)	3.00 (76)	1.75 (45)
HZRD29A-2N	1	600-1250	0.893 - 1.289 (22.7 - 33.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	2.64 (67)	0.51 (13)	3.62 (92)	6.89 (175)	3.00 (76)	0.63 (16)	1/2 (13)	3.19 (81)	1.75 (45)
HZRD29A-4N	2	600-1250	0.893 - 1.289 (22.7 - 33.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	3.07 (78)	0.51 (13)	3.62 (92)	6.89 (175)	3.00 (76)	0.63 (16)	1/2 (13)	3.19 (81)	1.75 (45)
HZRD29A-4N4	2	600-1250	0.893 - 1.289 (22.7 - 33.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	4.00 (102)	0.51 (13)	3.62 (92)	8.19 (208)	4.00 (102)	1.14 (29)	1/2 (13)	3.19 (81)	1.75 (45)
HZRD32A-2N	1	1000-2000	1.152 - 1.632 (29.3 - 41.5)	954 (45/7) - 1780 (84/19)	1.165 - 1.602 (29.6 - 40.7)	3.07 (78)	0.71 (18)	3.90 (99)	8.23 (209)	3.00 (76)	0.63 (16)	5/8 (16)	3.82 (97)	1.75 (45)
HZRD32A-4N	2	1000-2000	1.152 - 1.632 (29.3 - 41.5)	954 (45/7) - 1780 (84/19)	1.165 - 1.602 (29.6 - 40.7)	3.07 (78)	0.71 (18)	3.90 (99)	8.23 (209)	3.00 (76)	0.63 (16)	5/8 (16)	3.82 (97)	1.75 (45)

*S denotes SOLID wire, and T denotes STRANDED wire

HZRD-A-90

Aluminum Bolted Terminal Cable to 90-Degree Pad, Large Range 230kV and Below

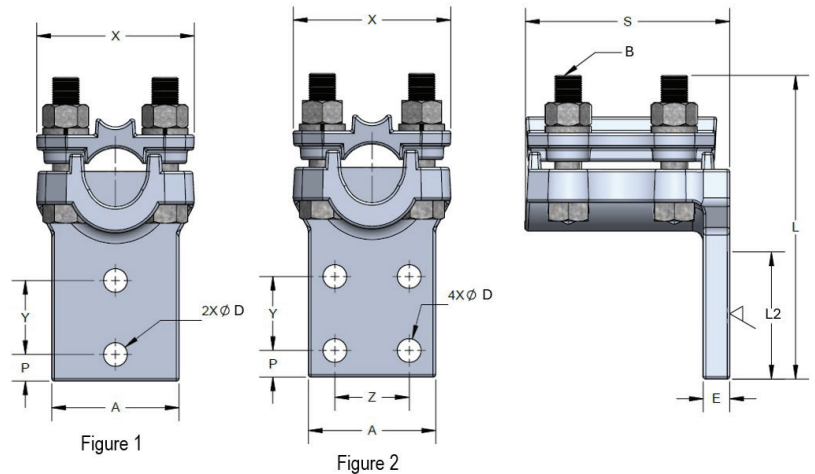
Aluminum alloy terminal to connect cable in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: HZRD21A-2N-90 with Stainless Steel Hardware would be HZRD21A-2N-90-SS.



Part Number	Figure	AAC	AAC Diameter	ACSR	ACSR Diameter	Dimensions											
			in (mm)		in (mm)												
					A	D	E	L	L2	P	S	B	X	Y	Z		
HZRD21A-2N-90	1	1/0T - 600(*)	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - .883 (10.1 - 22.4)	1.75 (45)	0.56 (14)	0.51 (13)	5.94 (151)	3.00 (76)	0.63 (16)	3.96 (101)	1/2 (13)	2.74 (70)	1.75 (45)	N/A	
HZRD21A-4N-90	2	1/0T - 600(*)	0.372 - 0.893 (9.4 - 22.7)	1/0 (6/1) - 477 (30/7)	0.398 - .883 (10.1 - 22.4)	3.00 (76)	0.56 (14)	0.51 (13)	5.94 (151)	3.00 (76)	0.63 (16)	3.96 (101)	1/2 (13)	2.74 (70)	1.75 (45)	1.75 (45)	
HZRD27A-2N-90	1	250 - 900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	2.00 (51)	0.56 (14)	0.51 (13)	6.61 (168)	3.00 (76)	0.63 (16)	4.26 (108)	1/2 (13)	3.00 (76)	1.75 (45)	N/A	
HZRD27A-4N-90	2	250 - 900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	3.00 (76)	0.56 (14)	0.51 (13)	6.61 (168)	3.00 (76)	0.63 (16)	4.26 (108)	1/2 (13)	3.00 (76)	1.75 (45)	1.75 (45)	
HZRD27A-4N4-90	2	250 - 900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	4.00 (102)	0.56 (14)	0.55 (14)	7.36 (187)	4.00 (102)	1.13 (29)	4.00 (102)	1/2 (13)	3.00 (76)	1.75 (45)	1.75 (45)	
HZRD29A-2N-90	1	600 - 1250	0.893 - 1.289 (22.7 - 33.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	2.00 (51)	0.56 (14)	0.51 (13)	6.97 (177)	3.00 (76)	0.63 (16)	4.64 (118)	1/2 (13)	3.20 (81)	1.75 (45)	N/A	
HZRD29A-4N-90	2	600 - 1250	0.893 - 1.289 (22.7 - 33.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	3.00 (76)	0.56 (14)	0.55 (14)	6.97 (177)	3.00 (76)	0.63 (16)	4.64 (118)	1/2 (13)	3.20 (81)	1.75 (45)	1.75 (45)	
HZRD29A-4N4-90	2	600 - 1250	0.893 - 1.289 (22.7 - 33.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	4.00 (102)	0.56 (14)	0.51 (13)	7.64 (194)	4.00 (102)	1.13 (29)	4.64 (118)	1/2 (13)	3.20 (81)	1.75 (45)	1.75 (45)	
HZRD32A-2N-90	1	1000 - 2000	1.152 - 1.632 (29.3 - 41.5)	954 (45/7) - 1780 (84/19)	1.165 - 1.602 (29.6 - 40.7)	3.00 (76)	0.56 (14)	0.71 (18)	7.17 (182)	3.00 (76)	0.63 (16)	5.34 (136)	5/8 (16)	3.88 (99)	1.75 (45)	N/A	
HZRD32A-4N-90	2	1000 - 2000	1.152 - 1.632 (29.3 - 41.5)	954 (45/7) - 1780 (84/19)	1.165 - 1.602 (29.6 - 40.7)	3.00 (76)	0.56 (14)	0.71 (18)	7.17 (182)	3.00 (76)	0.63 (16)	5.34 (136)	5/8 (16)	3.88 (99)	1.75 (45)	1.75 (45)	
HZRD32A-4N4-90	2	1000 - 2000	1.152 - 1.632 (29.3 - 41.5)	954 (45/7) - 1780 (84/19)	1.165 - 1.602 (29.6 - 40.7)	4.00 (102)	0.56 (14)	0.71 (18)	8.15 (207)	4.00 (102)	1.13 (29)	5.34 (136)	5/8 (16)	3.88 (99)	1.75 (45)	1.75 (45)	

*S denotes SOLID wire, and T denotes STRANDED wire

H2ZR-A

Aluminum Bolted Terminal Two Cable to Pad 230kV and Below

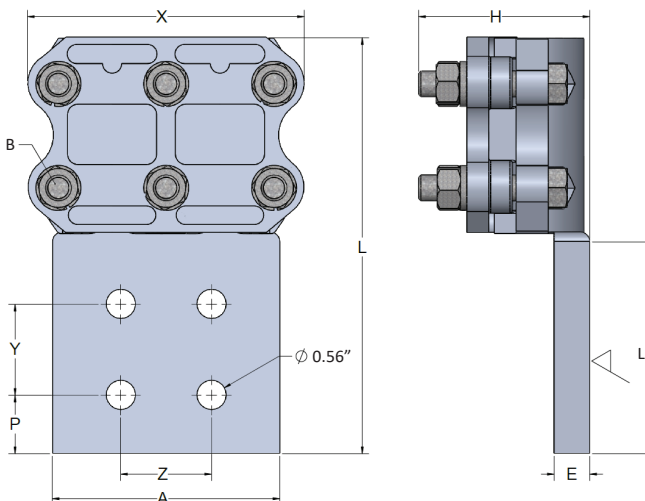
Aluminum alloy terminal to connect two aluminum cables to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: H2ZR14A-4N with Stainless Steel
Hardware would be H2ZR14A-4N-SS.



Part Number	Cable AWG/MCM				Dimensions									
	AAC	AAC Diameter	ACSR	ACSR Diameter	in (mm)									
		in (mm)		in (mm)	A	E	H	L	L2	P	B	X	Y	Z
H2ZR14A-4N	1/0T - 250*	0.372 - 0.575 (9.4 - 14.6)	1/0 (6/1) - 4/0 (6/1)	0.398 - 0.563 (10.1 - 14.3)	3.00 (76)	0.51 (13)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	1/2 (13)	4.00 (102)	1.75 (44)	1.75 (44)
H2ZR17A-4N	250 - 400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	0.563 - 0.783 (14.3 - 19.9)	3.00 (76)	0.63 (16)	2.80 (71)	6.26 (159)	3.00 (76)	0.63 (16)	1/2 (13)	4.29 (109)	1.75 (44)	1.75 (44)
H2ZR27A-4N	600 - 900	0.893 - 1.094 (22.7 - 27.8)	477 (30/7) - 795 (54/7)	0.883 - 1.093 (22.4 - 27.8)	3.00 (76)	0.67 (17)	3.15 (80)	6.81 (173)	3.00 (76)	0.63 (16)	1/2 (13)	4.88 (124)	1.75 (44)	1.75 (44)
H2ZR29A-4N	900 - 1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.37 (111)	0.67 (17)	3.78 (96)	7.32 (186)	3.00 (76)	0.63 (16)	1/2 (13)	5.24 (133)	1.75 (44)	1.75 (44)
H2ZR29A-4N4	900 - 1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.37 (111)	0.67 (17)	3.78 (96)	7.95 (202)	4.00 (102)	1.14 (29)	1/2 (13)	5.24 (133)	1.75 (44)	1.75 (44)
H2ZR30A-4N	1250 - 1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.37 (111)	0.75 (19)	3.66 (93)	7.83 (199)	3.00 (76)	0.63 (16)	5/8 (16)	6.10 (155)	1.75 (44)	1.75 (44)
H2ZR30A-4N4	1250 - 1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.37 (111)	0.75 (19)	3.66 (93)	8.86 (225)	4.00 (102)	1.14 (29)	5/8 (16)	6.10 (155)	1.75 (44)	1.75 (44)
H2ZR32A-4N4	1500 - 2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	4.37 (111)	0.87 (22)	3.90 (99)	10.00 (254)	4.00 (102)	1.14 (29)	5/8 (16)	6.38 (162)	1.75 (44)	1.75 (44)

*S denotes SOLID wire, and T denotes STRANDED wire.

H2ZR-A-90

Aluminum Bolted Terminal Two Cable to 90-Degree Pad 230kV and Below

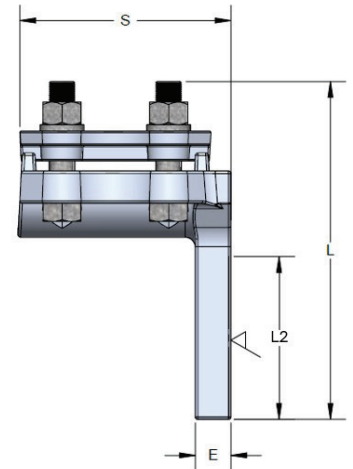
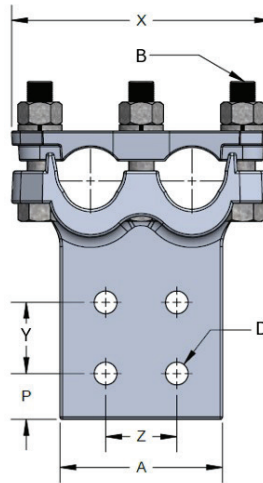
Aluminum alloy terminal to connect two cables in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: H2ZR17A-4N-90 with Stainless Steel Hardware would be H2ZR17A-4N-90-SS.



Part Number	Cable AWG/MCM				Dimensions								
	AAC	AAC Diameter	ACSR	ACSR Diameter	in (mm)								
		in (mm)		in (mm)	A	E	H	L	L2	P	B	X	Y/Z
H2ZR17A-4N-90	250 - 400	0.575 - 0.728 (14.6 - 18.5)	4/0 (6/1) - 397 (26/7)	0.563 - 0.783 (14.3 - 19.9)	3.00 (76)	0.51 (13)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	1/2 (13)	4.00 (102)	1.75 (44)
H2ZR27A-4N-90	600 - 900	0.893 - 1.094 (22.7 - 32.7)	477 (30/7) - 795 (54/7)	0.883 - 1.093 (14.3 - 19.9)	3.00 (76)	0.63 (16)	2.80 (71)	6.26 (159)	3.00 (76)	0.63 (16)	1/2 (13)	4.29 (109)	1.75 (44)
H2ZR29A-4N4-90	900 - 1250	1.094 - 1.289 (27.8 - 32.7)	715 (30/19) - 1113 (54/19)	1.081 - 1.293 (27.5 - 32.8)	4.00 (102)	0.67 (17)	3.15 (80)	6.81 (173)	3.00 (76)	0.63 (16)	1/2 (13)	4.88 (124)	1.75 (44)
H2ZR30A-4N4-90	1250 - 1600	1.289 - 1.459 (32.7 - 37.1)	1113 (54/19) - 1431 (45/7)	1.293 - 1.427 (32.8 - 36.3)	4.00 (102)	0.67 (17)	3.78 (96)	7.32 (186)	3.00 (76)	0.63 (16)	1/2 (13)	5.24 (133)	1.75 (44)
H2ZR32A-4N4-90	1500 - 2000	1.412 - 1.632 (35.9 - 41.5)	1272 (54/19) - 1780 (84/19)	1.382 - 1.602 (35.1 - 40.7)	4.00 (102)	0.67 (17)	3.78 (96)	7.95 (202)	4.00 (102)	1.14 (29)	1/2 (13)	5.24 (133)	1.75 (44)

H2ZRD-A

Aluminum Bolted Terminal Two Cable to Pad, Large Range 230kV and Below

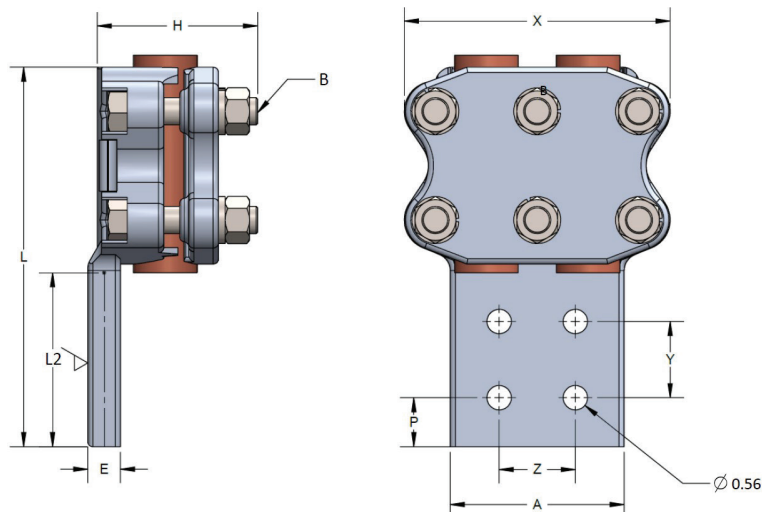
Aluminum alloy terminal to connect two cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

Example: H2ZRD27A-4N with Stainless Steel Hardware would be H2ZRD27A-4N-SS.



Part Number	AAC	AAC Diameter	ACSR	ACSR Diameter	Dimensions									
		in (mm)		in (mm)										
				A	D	E	L	L2	P	S	B	X	Y/Z	
H2ZRD27A-4N	250-900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	3.00 (76)	0.56 (14)	0.63 (16)	5.79 (147)	3.00 (76)	0.63 (16)	4.57 (116)	1/2 (13)	4.21 (107)	1.75 (45)
H2ZRD27A-4N4	250-900	0.575 - 1.094 (14.6 - 27.8)	4/0 (6/1) - 795 (54/7)	0.563 - 1.093 (14.3 - 27.8)	4.00 (102)	0.56 (14)	0.71 (18)	6.54 (166)	3.00 (76)	0.63 (16)	4.57 (116)	1/2 (13)	4.88 (124)	1.75 (45)
H2ZRD29A-4N	600 - 1250	0.893 - 1.289 (22.7 - 32.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	4.37 (111)	0.56 (14)	0.71 (18)	7.83 (199)	4.00 (102)	1.14 (29)	4.76 (121)	1/2 (13)	5.24 (133)	1.75 (45)
H2ZRD29A-4N4	600 - 1250	0.893 - 1.289 (22.7 - 32.7)	477 (30/7) - 1113 (54/19)	0.883 - 1.293 (22.4 - 32.8)	4.37 (111)	0.56 (14)	0.75 (19)	7.68 (195)	4.00 (102)	1.14 (29)	5.59 (142)	5/8 (16)	6.10 (155)	1.75 (45)
H2ZRD30A-4N4	800 - 1600	1.031 - 1.459 (26.2 - 37.1)	715 (30/19) - 1431 (45/7)	1.081 - 1.427 (27.5 - 36.3)	4.37 (111)	0.56 (14)	0.87 (22)	7.99 (203)	4.00 (102)	1.14 (29)	6.65 (169)	5/8 (16)	6.38 (162)	1.75 (45)

AZ

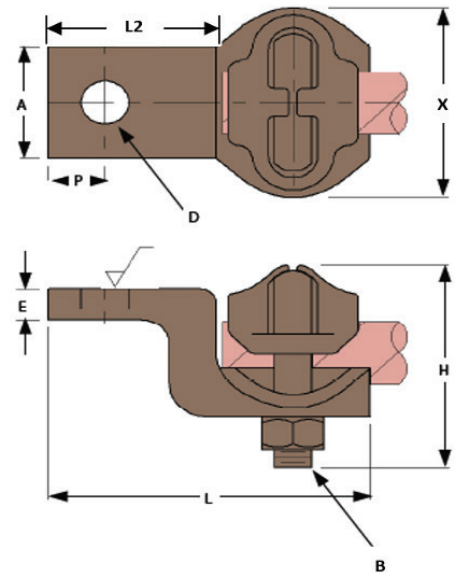
Bronze Bolted Terminal Cable to One Hole Pad, Single U-Bolt 230kV and Below

Copper alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Cable AWG/ MCM	Diameter in (mm)	Dimensions								
			in (mm)								
			A	D	E	H	L	L2	P	B	X
AZ10	6S - 1/0T(*)	.162 - .372 (4.1 - 9.4)	0.91 (23)	0.43 (11)	0.24 (6)	1.57 (40)	2.8 (71)	1.38 (35)	0.43 (11)	3/8 (10)	1.54 (39)
AZ13	1/0T - 4/0T(*)	.372 - .528 (9.4 - 13.4)	1.14 (29)	0.43 (11)	0.39 (10)	1.85 (47)	2.91 (74)	1.54 (39)	0.51 (13)	3/8 (10)	1.81 (46)
AZ15	1/0T - 300(*)	.372 - .630 (9.4 - 16.0)	1.14 (29)	0.43 (11)	0.39 (10)	1.93 (49)	3.23 (82)	1.75 (44)	0.63 (16)	3/8 (10)	2.01 (51)
AZ19	300 - 500	.630 - .814 (16.0 - 20.7)	1.38 (35)	0.56 (14)	0.39 (10)	2.17 (55)	3.94 (100)	2.13 (54)	0.83 (21)	3/8 (10)	2.32 (59)

*S denotes SOLID wire, and T denotes STRANDED wire

AAZ

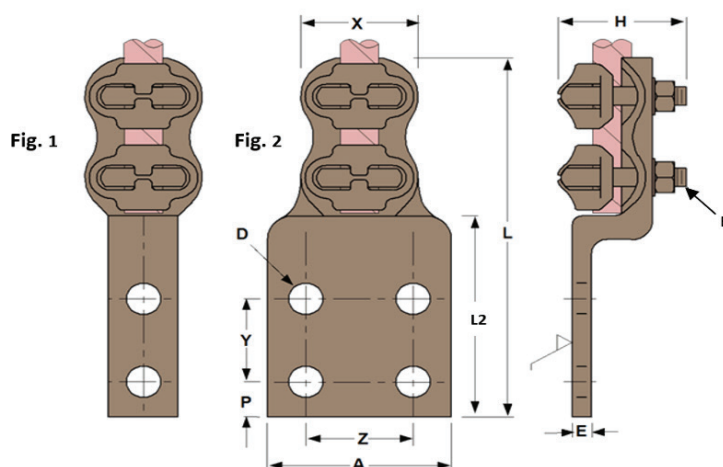
Bronze Bolted Terminal Cable to Pad, Double U-Bolt 230kV and Below

Copper alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	Cable AWG/ MCM	Diameter in (mm)	Dimensions									
				in (mm)									
				A	D	E	H	L	L2	P	B	X	Y/Z
AAZ10-2N	1	6S - 1/0T(*)	.162 - .372 (4.1 - 9.4)	1.14 (29)	0.56 (14)	0.24 (6)	1.57 (40)	5.98 (152)	3.27 (83)	0.63 (16)	3/8 (10)	1.54 (39)	1.75 (44)
AAZ13-2N	1	1/0T - 4/0T(*)	.372 - .528 (9.4 - 13.4)	1.14 (29)	0.56 (14)	0.31 (8)	1.85 (47)	6.14 (156)	3.46 (88)	0.63 (16)	3/8 (10)	1.69 (43)	1.75 (44)
AAZ15-2N	1	1/0T - 300(*)	.372 - .630 (9.4 - 16.0)	1.14 (29)	0.56 (14)	0.31 (8)	2.09 (53)	6.46 (164)	3.66 (93)	0.63 (16)	3/8 (10)	1.93 (49)	1.75 (44)
AAZ15-4N	2	1/0T - 300(*)	.372 - .630 (9.4 - 16.0)	3.00 (76)	0.56 (14)	0.31 (8)	2.09 (53)	6.46 (164)	3.66 (93)	0.63 (16)	3/8 (10)	1.93 (49)	1.75 (44)
AAZ19-2N	1	300 - 500	.630 - .814 (16.0 - 20.7)	1.38 (35)	0.56 (14)	0.39 (10)	2.20 (56)	6.77 (172)	3.70 (94)	0.63 (16)	3/8 (10)	2.24 (57)	1.75 (44)
AAZ19-4N	2	300 - 500	.630 - .814 (16.0 - 20.7)	3.00 (76)	0.56 (14)	0.39 (10)	2.20 (56)	6.77 (172)	3.70 (94)	0.63 (16)	3/8 (10)	2.24 (57)	1.75 (44)
AAZ25-2N	1	500 - 800	.814 - 1.031 (20.7 - 26.2)	1.61 (41)	0.56 (14)	0.39 (10)	2.64 (67)	7.56 (192)	3.70 (94)	0.63 (16)	1/2 (13)	2.72 (69)	1.75 (44)
AAZ25-4N	2	500 - 800	.814 - 1.031 (20.7 - 26.2)	3.00 (76)	0.56 (14)	0.39 (10)	2.64 (67)	7.56 (192)	3.70 (94)	0.63 (16)	1/2 (13)	2.72 (69)	1.75 (44)
AAZ28-2N	1	750 - 1000	.998 - 1.152 (25.3 - 29.3)	2.05 (52)	0.56 (14)	0.59 (15)	3.00 (76)	7.80 (198)	3.70 (94)	0.63 (16)	1/2 (13)	2.87 (73)	1.75 (44)
AAZ28-4N	2	750 - 1000	.998 - 1.152 (25.3 - 29.3)"	3.00 (76)	0.56 (14)	0.51 (13)	3.00 (76)	7.80 (198)	3.70 (94)	0.63 (16)	1/2 (13)	2.87 (73)	1.75 (44)

*S denotes SOLID wire, and T denotes STRANDED wire

CZ

Bronze Bolted Terminal Cable to Pad, Single Eyebolt 230kV and Below

Copper alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

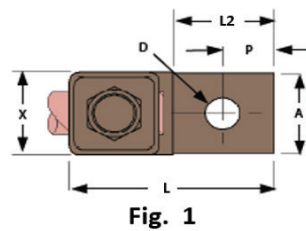


Fig. 1

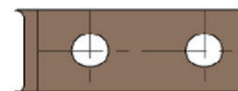


Fig. 2

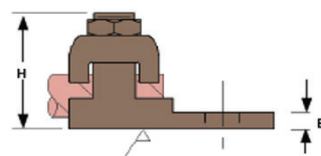


Fig. 3

Part Number	Figure	Cable AWG/MCM	Diameter	Dimensions								
				in (mm)								
			in (mm)	A	D	E	H	L	L2	P	X	Y/Z
CZ8T	1	14S-8T(*)	.064 - .146 (1.6 - 3.7)	0.67 (17)	0.24 (6)	0.16 (4)	0.79 (20)	1.46 (37)	0.59 (15)	0.28 (7)	0.75 (19)	—
CZ4T	1	6S-4T(*)	.162 - .232 (4.1 - 5.9)	0.67 (17)	0.28 (7)	0.16 (4)	0.79 (20)	1.46 (37)	0.59 (15)	0.31 (8)	0.75 (19)	—
CZ4T-2	2	6S-4T(*)	.162 - .232 (4.1 - 5.9)	0.67 (17)	0.28 (7)	0.16 (4)	0.79 (20)	2.13 (54)	1.22 (31)	0.31 (8)	0.75 (19)	0.59 (15)
CZ1T	1	4T-1T(*)	.232 - .332 (5.9 - 8.4)	0.67 (17)	0.28 (7)	0.24 (6)	1.02 (26)	1.77 (45)	0.71 (18)	0.31 (8)	0.75 (19)	—
CZ1T-2	2	4T-1T(*)	.232 - .332 (5.9 - 8.4)	0.67 (17)	0.35 (9)	0.24 (6)	1.02 (26)	2.56 (65)	1.50 (38)	0.31 (8)	0.75 (19)	0.83 (21)
CZ20	1	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	0.83 (21)	0.39 (10)	0.24 (6)	1.18 (30)	2.05 (52)	0.91 (23)	0.43 (11)	0.91 (23)	—
CZ20-1N	1	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.00 (25)	0.56 (14)	0.24 (6)	1.18 (30)	2.32 (59)	1.14 (29)	0.51 (13)	0.91 (23)	—
CZ20-2	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	0.83 (21)	0.39 (10)	0.24 (6)	1.18 (30)	2.83 (72)	1.85 (47)	0.43 (11)	0.91 (23)	1.00 (25)
CZ20-2N	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.00 (25)	0.56 (14)	0.24 (6)	1.18 (30)	4.21 (107)	3.00 (76)	0.63 (16)	0.91 (23)	1.75 (44)
CZ20-4N	3	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	3.00 (76)	0.56 (14)	0.24 (6)	1.18 (30)	4.21 (107)	3.00 (76)	0.63 (16)	0.91 (23)	1.75 (44)
CZ40	1	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.39 (10)	0.24 (6)	1.46 (37)	2.32 (59)	1.06 (27)	0.43 (11)	1.06 (27)	—
CZ40-1N	1	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.56 (14)	0.24 (6)	1.46 (37)	2.32 (59)	1.06 (27)	0.51 (13)	1.06 (27)	—
CZ40-2	2	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.39 (10)	0.24 (6)	1.46 (37)	3.19 (81)	2.01 (51)	0.43 (11)	1.06 (27)	1.00 (25)
CZ40-2N	2	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.56 (14)	0.24 (6)	1.46 (37)	4.33 (110)	3.00 (76)	0.63 (16)	1.06 (27)	1.75 (44)
CZ40-4N	3	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	3.00 (76)	0.56 (14)	0.24 (6)	1.46 (37)	4.33 (110)	3.00 (76)	0.63 (16)	1.06 (27)	1.75 (44)
CZ350	1	250-350	.575 - .681 (14.6 - 17.3)	1.22 (31)	0.51 (13)	0.31 (8)	1.65 (42)	2.76 (70)	1.38 (35)	0.67 (17)	1.18 (30)	—
CZ350-1N	1	250-350	.575 - .681 (14.6 - 17.3)	1.22 (31)	0.56 (14)	0.31 (8)	1.65 (42)	2.83 (72)	1.38 (35)	0.63 (16)	1.18 (30)	—
CZ350-2	2	250-350	.575 - .681 (14.6 - 17.3)	1.22 (31)	0.39 (10)	0.31 (8)	1.65 (42)	3.31 (84)	2.01 (51)	0.43 (11)	1.18 (30)	1.00 (25)
CZ350-2N	2	250-350	.575 - .681 (14.6 - 17.3)	1.22 (31)	0.56 (14)	0.31 (8)	1.65 (42)	4.49 (114)	3.00 (76)	0.63 (16)	1.18 (30)	1.75 (44)
CZ350-4N	3	250-350	.575 - .681 (14.6 - 17.3)	3.00 (76)	0.56 (14)	0.31 (8)	1.65 (42)	4.49 (114)	3.00 (76)	0.63 (16)	1.18 (30)	1.75 (44)

*S denotes SOLID wire, and T denotes STRANDED wire

CZ CONTINUED

Bronze Bolted Terminal Cable to Pad, Single Eyebolt 230kV and Below

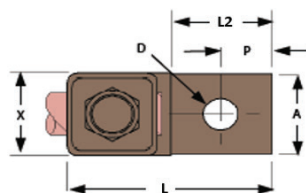


Fig. 1

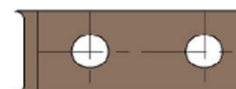


Fig. 2

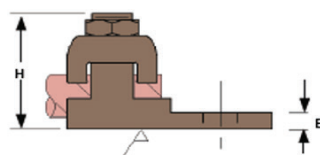


Fig. 3

Part Number	Figure	Cable AWG/MCM	Diameter	Dimensions								
				in (mm)								
			in (mm)	A	D	E	H	L	L2	P	X	Y/Z
CZ500	1	400-500	.728 - .814 (18.5 - 20.7)	1.38 (35)	0.51 (13)	0.24 (6)	1.93 (49)	3.15 (80)	1.61 (41)	0.83 (21)	1.42 (36)	-
CZ500-1N	1	400-500	.728 - .814 (18.5 - 20.7)	1.38 (35)	0.56 (14)	0.31 (8)	1.93 (49)	3.15 (80)	1.61 (41)	0.83 (21)	1.42 (36)	-
CZ500-2	2	400-500	.728 - .814 (18.5 - 20.7)	1.38 (35)	0.39 (10)	0.31 (8)	1.93 (49)	3.62 (92)	2.01 (51)	0.43 (11)	1.42 (36)	1.00 (25)
CZ500-2N	2	400-500	.728 - .814 (18.5 - 20.7)	1.38 (35)	0.56 (14)	0.24 (6)	1.93 (49)	4.76 (121)	3.00 (76)	0.63 (16)	1.42 (36)	1.75 (44)
CZ500-4	3	400-500	.728 - .814 (18.5 - 20.7)	1.89 (48)	0.43 (11)	0.31 (8)	1.93 (49)	3.62 (92)	2.20 (56)	0.51 (13)	1.42 (36)	1.00 (25)
CZ500-4N	3	400-500	.728 - .814 (18.5 - 20.7)	3.00 (76)	0.56 (14)	0.31 (8)	1.93 (49)	4.76 (121)	3.00 (76)	0.63 (16)	1.42 (36)	1.75 (44)
CZ800	1	600-800	.893 - 1.031 (22.7 - 26.2)	1.61 (41)	0.67 (17)	0.35 (9)	2.28 (58)	3.74 (95)	1.85 (47)	0.94 (24)	1.75 (44)	-
CZ800-2	2	600-800	.893 - 1.031 (22.7 - 26.2)	1.61 (41)	0.43 (11)	0.35 (9)	2.28 (58)	4.00 (102)	2.13 (54)	0.51 (13)	1.75 (44)	1.14 (29)
CZ800-2N	2	600-800	.893 - 1.031 (22.7 - 26.2)	1.61 (41)	0.56 (14)	0.35 (9)	2.28 (58)	4.92 (125)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
CZ800-4N	3	600-800	.893 - 1.031 (22.7 - 26.2)	3.00 (76)	0.56 (14)	0.35 (9)	2.28 (58)	4.92 (125)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
CZ800-4N4	3	600 - 800	.893 - 1.031 (22.7 - 26.2)	4.00 (102)	0.56 (14)	0.35 (9)	2.28 (58)	5.91 (150)	4.00 (102)	0.63 (16)	1.75 (44)	1.75 (44)
CZ1000	1	850-1000	1.062 - 1.152 (27.0 - 29.3)	1.89 (48)	0.67 (17)	0.51 (13)	2.48 (63)	4.00 (102)	2.01 (51)	0.98 (25)	1.85 (47)	-
CZ1000-4	3	850-1000	1.062 - 1.152 (27.0 - 29.3)	2.13 (54)	0.43 (11)	0.51 (13)	2.48 (63)	4.25 (108)	2.20 (56)	0.51 (13)	1.85 (47)	1.14 (29)
CZ1000-4N	3	850-1000	1.062 - 1.152 (27.0 - 29.3)	3.00 (76)	0.56 (14)	0.51 (13)	2.48 (63)	5.04 (128)	3.00 (76)	0.63 (16)	1.85 (47)	1.75 (44)
CZ1000-4N4	3	850-1000	1.062 - 1.152 (27.0 - 29.3)	4.00 (102)	0.56 (14)	0.51 (13)	2.48 (63)	6.02 (153)	4.00 (102)	0.63 (16)	1.85 (47)	1.75 (44)

CCZ

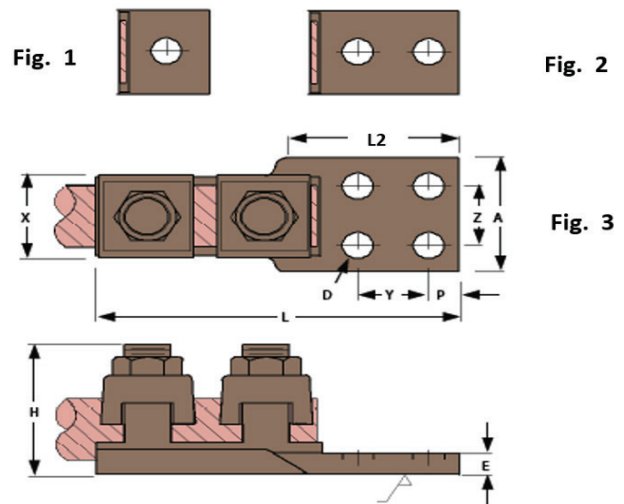
Bronze Bolted Terminal Cable to Pad, Double Eyebolt 230kV and Below

Copper alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	Cable AWG/MCM	Diameter in (mm)	Dimensions								
				in (mm)								
				A	D	E	H	L	L2	P	X	Y/Z
CCZ4T	1	6S-4T(*)	.162 - .232 (4.1 - 5.9)	0.63 (16)	0.28 (7)	0.20 (5)	0.79 (20)	2.32 (59)	0.63 (16)	0.31 (8)	0.75 (19)	-
CCZ4T-2	2	6S-4T(*)	.162 - .232 (4.1 - 5.9)	0.63 (16)	0.28 (7)	0.20 (5)	0.79 (20)	2.95 (75)	1.26 (32)	0.35 (9)	0.75 (19)	0.63 (16)
CCZ4T-2N	2	6S-4T(*)	.162 - .232 (4.1 - 5.9)	1.00 (25)	0.56 (14)	0.24 (6)	0.87 (22)	4.80 (122)	3.00 (76)	0.63 (16)	0.75 (19)	1.75 (44)
CCZ1T	1	4T-1T(*)	.232 - .332 (5.9 - 8.4)	0.63 (16)	0.28 (7)	0.24 (6)	0.98 (25)	2.76 (70)	0.75 (19)	0.35 (9)	0.75 (19)	-
CCZ1T-2	2	4T-1T(*)	.232 - .332 (5.9 - 8.4)	0.63 (16)	0.35 (9)	0.24 (6)	0.98 (25)	3.54 (90)	1.50 (38)	0.35 (9)	0.75 (19)	0.83 (21)
CCZ1T-2N	2	4T-1T(*)	.232 - .332 (5.9 - 8.4)	1.00 (25)	0.56 (14)	0.28 (7)	0.98 (25)	5.04 (128)	3.00 (76)	0.63 (16)	0.75 (19)	1.75 (44)
CCZ20	1	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	0.83 (21)	0.39 (10)	0.24 (6)	1.18 (30)	3.11 (79)	0.87 (22)	0.43 (11)	0.87 (22)	-
CCZ20-2	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	0.83 (21)	0.39 (10)	0.24 (6)	1.18 (30)	4.09 (104)	1.85 (47)	0.43 (11)	0.87 (22)	1.00 (25)
CCZ20-2N	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.10 (28)	0.56 (14)	0.24 (6)	1.18 (30)	5.24 (133)	3.00 (76)	0.59 (15)	0.87 (22)	1.75 (44)
CCZ40	1	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.39 (10)	0.24 (6)	1.57 (40)	3.54 (90)	1.00 (25)	0.51 (13)	1.10 (28)	-
CCZ40-2	2	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.39 (10)	0.24 (6)	1.57 (40)	4.65 (118)	2.00 (51)	0.43 (11)	1.10 (28)	1.00 (25)
CCZ40-2N	2	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.00 (25)	0.56 (14)	0.24 (6)	1.57 (40)	5.47 (139)	3.15 (80)	0.63 (16)	1.10 (28)	1.75 (44)
CCZ350	1	250-350	.575 - .681 (14.6 - 17.3)	1.18 (30)	0.51 (13)	0.28 (7)	1.69 (43)	4.25 (108)	1.38 (35)	0.67 (17)	1.18 (30)	-

*S denotes SOLID wire, and T denotes STRANDED wire

CCZ CONTINUED

Bronze Bolted Terminal Cable to Pad, Double Eyebolt 230kV and Below

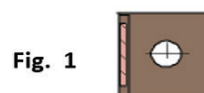


Fig. 1

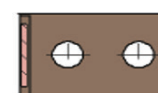


Fig. 2

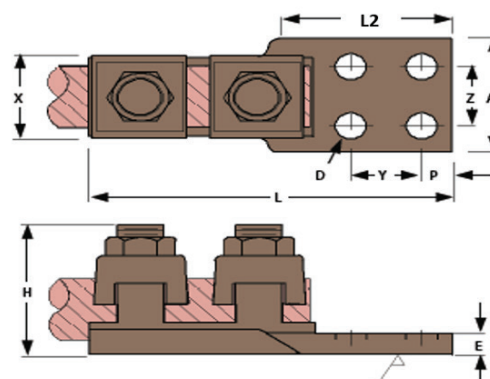


Fig. 3

Part Number	Figure	Cable AWG/MCM	Diameter	Dimensions								
				in (mm)								
			in (mm)	A	D	E	H	L	L2	P	X	Y/Z
CCZ350-2	2	250-350	.575 - .681 (14.6 - 17.3)	1.18 (30)	0.39 (10)	0.28 (7)	1.69 (43)	4.76 (121)	2.00 (51)	0.43 (11)	1.18 (30)	1.00 (25)
CCZ350-2N	2	250-350	.575 - .681 (14.6 - 17.3)	1.18 (30)	0.56 (14)	0.28 (7)	1.69 (43)	5.98 (152)	3.15 (80)	0.63 (16)	1.18 (30)	1.75 (44)
CCZ350-4N	3	250-350	.575 - .681 (14.6 - 17.3)	1.18 (30)	0.56 (14)	0.31 (8)	1.69 (43)	5.98 (152)	3.15 (80)	0.63 (16)	1.18 (30)	1.75 (44)
CCZ500	1	400-500	.728 - .814 (18.5 - 20.7)	3.00 (76)	0.51 (13)	0.28 (7)	1.97 (50)	4.92 (125)	1.61 (41)	0.83 (21)	1.38 (35)	-
CCZ500-2	2	400-500	.728 - .814 (18.5 - 20.7)	1.38 (35)	0.56 (14)	0.28 (7)	1.97 (50)	5.24 (133)	2.00 (51)	0.43 (11)	1.38 (35)	1.00 (25)
CCZ500-2N	2	400-500	.728 - .814 (18.5 - 20.7)	1.38 (35)	0.56 (14)	0.28 (7)	1.97 (50)	6.46 (164)	3.15 (80)	0.63 (16)	1.38 (35)	1.75 (44)
CCZ500-4	3	400-500	.728 - .814 (18.5 - 20.7)	1.89 (48)	0.43 (11)	0.28 (7)	1.97 (50)	5.16 (131)	2.20 (56)	0.43 (11)	1.38 (35)	1.00 (25)
CCZ500-4N	3	400-500	.728 - .814 (18.5 - 20.7)	3.00 (76)	0.56 (14)	0.28 (7)	1.97 (50)	6.50 (165)	3.11 (79)	0.63 (16)	1.38 (35)	1.75 (44)
CCZ800	1	600-800	.893 - 1.031 (22.7 - 26.2)"	1.65 (42)	0.67 (17)	0.35 (9)	2.28 (58)	6.93 (176)	1.85 (47)	1.00 (25)	1.75 (44)	-
CCZ800-2N	2	600-800	.893 - 1.031 (22.7 - 26.2)	1.65 (42)	0.56 (14)	0.35 (9)	2.28 (58)	6.93 (176)	3.07 (78)	0.63 (16)	1.75 (44)	1.75 (44)
CCZ800-4N	3	600-800	.893 - 1.031 (22.7 - 26.2)	3.00 (76)	0.56 (14)	0.39 (10)	2.28 (58)	6.93 (176)	3.07 (78)	0.63 (16)	1.75 (44)	1.75 (44)
CCZ1000-4N	3	850-1000	1.062 - 1.152 (27.0 - 29.3)	3.00 (76)	0.56 (14)	0.51 (13)	2.48 (63)	7.09 (180)	3.07 (78)	0.63 (16)	1.85 (47)	1.75 (44)

C2Z

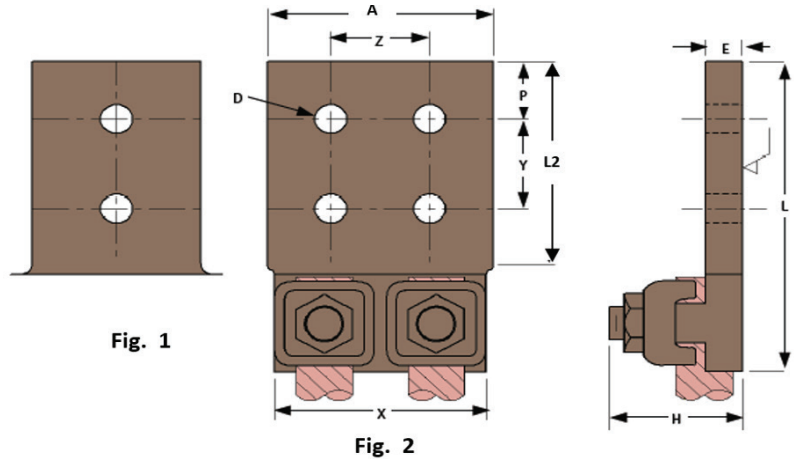
Bronze Bolted Terminal Two Cables to Pad, Eyebolt 230kV and Below

Copper alloy terminal to connect two cables in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	Cable AWG/MCM	Diameter	Dimensions								
				in (mm)								
			in (mm)	A	D	E	H	L	L2	P	X	Y/Z
C2Z1T-2	1	4T-1T(*)	.232 - .332 (5.9 - 8.4)	1.54 (39)	0.43 (11)	0.20 (5)	1.00 (25)	3.00 (76)	1.85 (47)	0.43 (11)	1.57 (40)	1.00 (25)
C2Z20-2	1	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.65 (42)	0.43 (11)	0.20 (5)	1.18 (30)	3.11 (79)	2.01 (51)	0.43 (11)	1.93 (49)	1.00 (25)
C2Z20-4	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.89 (48)	0.43 (11)	0.24 (6)	1.18 (30)	3.11 (79)	2.01 (51)	0.51 (13)	1.93 (49)	1.00 (25)
C2Z20-2N	1	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.65 (42)	0.56 (14)	0.24 (6)	1.18 (30)	4.25 (108)	3.11 (79)	0.63 (16)	1.93 (49)	1.75 (44)
C2Z20-4N	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	3.00 (76)	0.56 (14)	0.24 (6)	1.18 (30)	4.25 (108)	3.11 (79)	0.63 (16)	1.93 (49)	1.75 (44)
C2Z40-2N	1	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.89 (48)	0.56 (14)	0.24 (6)	1.46 (37)	4.33 (110)	3.11 (79)	0.63 (16)	2.20 (56)	1.75 (44)
C2Z40-4N	2	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	3.00 (76)	0.56 (14)	0.24 (6)	1.46 (37)	4.53 (115)	3.11 (79)	0.63 (16)	2.20 (56)	1.75 (44)
C2Z350-2N	1	250-350	.575 - .681 (14.6 - 17.3)	2.40 (61)	0.56 (14)	0.31 (8)	1.65 (42)	4.45 (113)	3.11 (79)	0.63 (16)	2.68 (68)	1.75 (44)
C2Z350-4	2	250-350	.575 - .681 (14.6 - 17.3)	2.40 (61)	0.56 (14)	0.31 (8)	1.65 (42)	3.86 (98)	2.52 (64)	0.51 (13)	2.68 (68)	1.38 (35)
C2Z350-4N	2	250-350	.575 - .681 (14.6 - 17.3)	3.00 (76)	0.56 (14)	0.31 (8)	1.65 (42)	4.53 (115)	3.11 (79)	0.63 (16)	2.68 (68)	1.75 (44)
C2Z500-2N	1	400-500	.728 - .814 (18.5 - 20.7)	2.56 (65)	0.56 (14)	0.39 (10)	1.93 (49)	4.76 (121)	3.11 (79)	0.63 (16)	3.03 (77)	1.75 (44)
C2Z500-4	2	400-500	.728 - .814 (18.5 - 20.7)	2.56 (65)	0.56 (14)	0.39 (10)	1.93 (49)	4.17 (106)	2.64 (67)	0.55 (14)	3.03 (77)	1.38 (35)
C2Z500-4N	2	400-500	.728 - .814 (18.5 - 20.7)	3.00 (76)	0.56 (14)	0.39 (10)	1.93 (49)	4.76 (121)	3.11 (79)	0.63 (16)	3.03 (77)	1.75 (44)
C2Z800-2N	1	600-800	.893 - 1.031 (22.7 - 26.2)	3.00 (76)	0.56 (14)	0.43 (11)	2.36 (60)	5.00 (127)	3.11 (79)	0.63 (16)	3.86 (98)	1.75 (44)
C2Z800-4	2	600-800	.893 - 1.031 (22.7 - 26.2)	3.00 (76)	0.56 (14)	0.43 (11)	2.36 (60)	5.00 (127)	3.11 (79)	0.67 (17)	3.86 (98)	1.61 (41)
C2Z800-4N	2	600-800	.893 - 1.031 (22.7 - 26.2)	3.00 (76)	0.56 (14)	0.47 (12)	2.36 (60)	5.12 (130)	3.11 (79)	0.63 (16)	3.86 (98)	1.75 (44)
C2Z1000-2N	1	850-1000	1.062 - 1.152 (27.0 - 29.3)	3.00 (76)	0.56 (14)	0.51 (13)	2.48 (63)	5.28 (134)	3.27 (83)	0.63 (16)	4.09 (104)	1.75 (44)
C2Z1000-4N	2	850-1000	1.062 - 1.152 (27.0 - 29.3)	3.23 (82)	0.56 (14)	0.51 (13)	2.48 (63)	5.28 (134)	3.27 (83)	0.63 (16)	4.09 (104)	1.75 (44)
C2Z1500-4N	2	1100-1500	1.209 - 1.412 (30.7 - 35.9)	3.54 (90)	0.56 (14)	0.67 (17)	3.00 (76)	5.79 (147)	3.27 (83)	0.63 (16)	4.72 (120)	1.75 (44)
C2Z1500-4N4	2	1100-1500	1.209 - 1.412 (30.7 - 35.9)	4.00 (102)	0.56 (14)	0.75 (19)	3.08 (78)	6.50 (165)	4.00 (102)	1.14 (29)	4.72 (120)	1.75 (44)

*S denotes SOLID wire, and T denotes STRANDED wire

C3Z

Bronze Bolted Terminal Three Cables to Pad, Eyebolt 230kV and Below

Copper alloy terminal to connect three cables in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

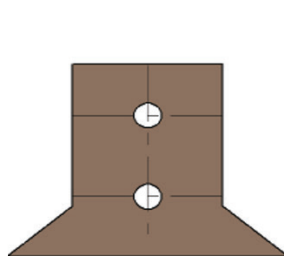


Fig. 1

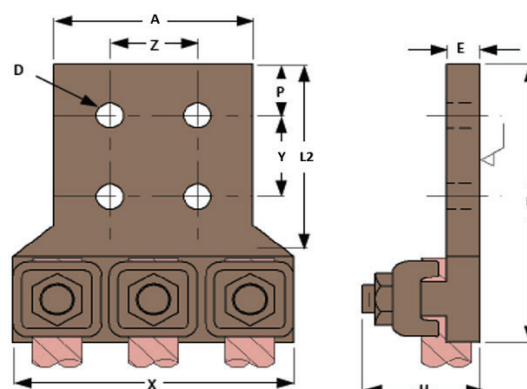


Fig. 2

Part Number	Figure	Cable AWG/MCM	Diameter	Dimensions								
				in (mm)								
			in (mm)	A	D	E	H	L	L2	P	X	Y/Z
C3Z20-2N	1	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	1.61 (41)	0.56 (14)	0.28 (7)	1.18 (30)	4.33 (110)	3.11 (79)	0.63 (16)	3.00 (76)	1.75 (44)
C3Z20-4N	2	1/0T-2/0T(*)	.372 - .419 (9.4 - 10.6)	3.00 (76)	0.56 (14)	0.28 (7)	1.18 (30)	4.17 (106)	3.11 (79)	0.63 (16)	3.00 (76)	1.75 (44)
C3Z40-2N	1	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	1.89 (48)	0.56 (14)	0.28 (7)	1.54 (39)	4.45 (113)	3.11 (79)	0.63 (16)	3.35 (85)	1.75 (44)
C3Z40-4N	2	3/0T-4/0T(*)	.470 - .528 (11.9 - 13.4)	3.00 (76)	0.56 (14)	0.28 (7)	1.54 (39)	4.45 (113)	3.11 (79)	0.63 (16)	3.35 (85)	1.75 (44)
C3Z350-2N	1	250-350	.575 - .681 (14.6 - 17.3)	2.13 (54)	0.56 (14)	0.35 (9)	1.69 (43)	4.45 (113)	3.11 (79)	0.63 (16)	4.13 (105)	1.75 (44)
C3Z350-4N	2	250-350	.575 - .681 (14.6 - 17.3)	3.00 (76)	0.56 (14)	0.35 (9)	1.69 (43)	4.45 (113)	3.11 (79)	0.63 (16)	4.13 (105)	1.75 (44)
C3Z500-2N	1	400-500	.728 - .814 (18.5 - 20.7)	2.56 (65)	0.56 (14)	0.35 (9)	1.93 (49)	4.76 (121)	3.11 (79)	0.63 (16)	4.65 (118)	1.75 (44)
C3Z500-4	2	400-500	.728 - .814 (18.5 - 20.7)	2.56 (65)	0.56 (14)	0.35 (9)	1.93 (49)	4.21 (107)	2.64 (67)	0.56 (14)	4.65 (118)	1.75 (44)
C3Z500-4N	2	400-500	.728 - .814 (18.5 - 20.7)	3.07 (78)	0.56 (14)	0.35 (9)	1.93 (49)	4.76 (121)	3.11 (79)	0.63 (16)	4.65 (118)	1.75 (44)
C3Z800-2N	1	600-800	.893 - 1.031 (22.7 - 26.2)	3.07 (78)	0.56 (14)	0.47 (12)	2.32 (59)	5.12 (130)	3.11 (79)	0.63 (16)	5.67 (144)	1.75 (44)
C3Z800-4N	2	600-800	.893 - 1.031 (22.7 - 26.2)	3.07 (78)	0.56 (14)	0.47 (12)	2.32 (59)	5.12 (130)	3.11 (79)	0.63 (16)	5.67 (144)	1.75 (44)
C3Z1000-4N	2	850-1000	1.062 - 1.152 (27.0 - 29.3)	3.50 (89)	0.56 (14)	0.47 (12)	2.48 (63)	5.47 (139)	3.27 (83)	0.63 (16)	6.06 (154)	1.75 (44)
C3Z1500-4N	2	1100-1500	1.209 - 1.412 (30.7 - 35.9)	3.50 (89)	0.56 (14)	0.75 (19)	3.00 (76)	5.91 (150)	3.27 (83)	0.63 (16)	7.17 (182)	1.75 (44)

*S denotes SOLID wire, and T denotes STRANDED wire

LZ

Bronze Bolted Terminal Cable to One-Hole Pad, Set Screw 230kV and Below

Copper alloy terminal to connect cable in the main to a one hole flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

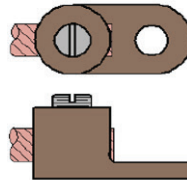


Fig. 1

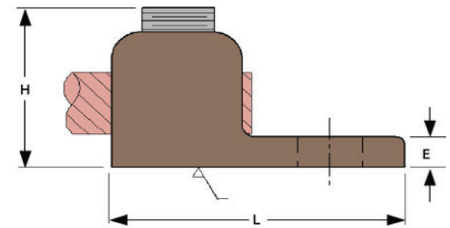
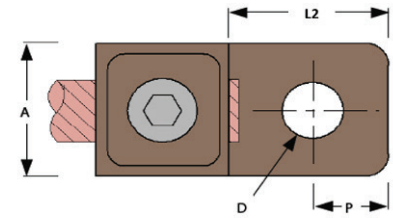


Fig. 2

Part Number	Figure	Set Screw Material	Cable AWG/MCM	Diameter in (mm)	Dimensions in (mm)						
					A	D	E	H	L	L2	P
LZ4T	1	Steel	14S-4T(*)	.064 - .232 (1.6 - 5.9)	0.56 (14)	0.28 (7)	0.16 (4)	0.75 (19)	1.14 (29)	0.56 (14)	0.28 (7)
LZ10	2	Steel	4T-1/0T(*)	.232 - .372 (5.9 - 9.4)	0.75 (19)	0.43 (11)	0.20 (5)	0.87 (22)	1.57 (40)	0.87 (22)	0.39 (10)
LZ10-M1	2	Brass	4T-1/0T(*)	.232 - .372 (5.9 - 9.4)	0.75 (19)	0.43 (11)	0.20 (5)	1.34 (34)	1.57 (40)	0.87 (22)	0.39 (10)
LZ250	2	Steel	4T-250(*)	.232 - .575 (5.9 - 14.6)	0.94 (24)	0.43 (11)	0.20 (5)	1.26 (32)	1.89 (48)	0.94 (24)	0.43 (11)
LZ250-M1	2	Brass	4T-250(*)	.232 - .575 (5.9 - 14.6)	0.94 (24)	0.43 (11)	0.20 (5)	1.75 (44)	1.89 (48)	0.94 (24)	0.43 (11)
LZ250-M2	2	Brass	4T-250(*)	.232 - .575 (5.9 - 14.6)	0.94 (24)	0.43 (11)	0.20 (5)	1.26 (32)	1.89 (48)	0.94 (24)	0.43 (11)
LZ250-M3	2	Steel	4T-250(*)	.232 - .575 (5.9 - 14.6)	0.94 (24)	0.43 (11)	0.20 (5)	1.75 (44)	1.89 (48)	0.94 (24)	0.43 (11)
LZ250-M4	2	Brass	4T-250(*)	.232 - .575 (5.9 - 14.6)	1.02 (26)	0.56 (14)	0.20 (5)	1.85 (47)	2.01 (51)	0.94 (24)	0.43 (11)
LZ500	2	Steel	4/0T-500(*)	.528 - .814 (13.4 - 20.7)	1.42 (36)	0.56 (14)	0.31 (8)	1.77 (45)	2.52 (64)	1.14 (29)	0.56 (14)
LZ500-M1	2	Brass	4/0T-500(*)	.528 - .814 (13.4 - 20.7)	1.42 (36)	0.56 (14)	0.31 (8)	2.05 (52)	2.52 (64)	1.14 (29)	0.56 (14)
LZ500-M2	2	Steel	4/0T-500(*)	.528 - .814 (13.4 - 20.7)	1.42 (36)	0.56 (14)	0.31 (8)	2.05 (52)	2.52 (64)	1.14 (29)	0.56 (14)
LZ500-M4	2	Brass	4/0T-500(*)	.528 - .814 (13.4 - 20.7)	1.42 (36)	0.56 (14)	0.31 (8)	1.77 (45)	2.52 (64)	1.14 (29)	0.56 (14)
LZ800	2	Steel	250-800	.575 - 1.031 (14.6 - 26.2)	1.61 (41)	0.56 (14)	0.35 (9)	2.24 (57)	3.31 (84)	1.75 (44)	0.75 (19)

*S denotes SOLID wire, and T denotes STRANDED wire

HZ

Bronze Bolted Terminal

Tube to Pad

230kV and Below

Copper alloy terminal to connect one tube in the main to a flat pad surface. Electrical joint compound is recommended for all tube/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

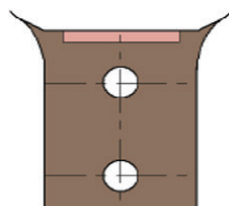


Fig. 1

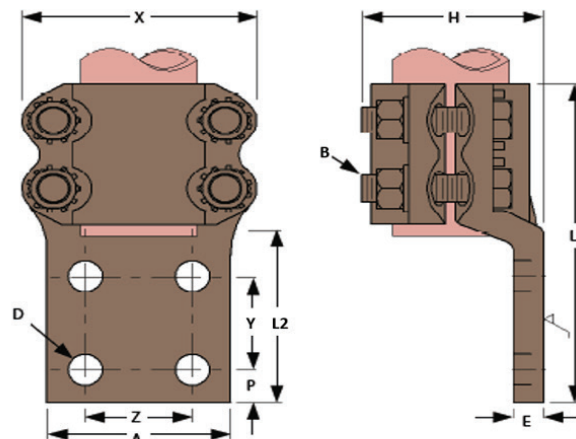


Fig. 2

Part Number	Figure	NPS Tube Diameter	Dimensions									
			in (mm)									
			A	D	E	H	L	L2	P	B	X	Y/Z
HZ37-2N	1	3/4	1.65 (42)	0.56 (14)	0.39 (10)	1.81 (46)	5.24 (133)	3.00 (76)	0.63 (16)	3/8 (10)	2.48 (63)	1.75 (44)
HZ37-4N	2	3/4	3.00 (76)	0.56 (14)	0.39 (10)	1.81 (46)	5.24 (133)	3.00 (76)	0.63 (16)	3/8 (10)	2.48 (63)	1.75 (44)
HZ38-2N	1	1	1.89 (48)	0.56 (14)	0.39 (10)	1.89 (48)	5.47 (139)	3.00 (76)	0.63 (16)	3/8 (10)	2.87 (73)	1.75 (44)
HZ38-4N	2	1	3.00 (76)	0.56 (14)	0.39 (10)	1.89 (48)	5.47 (139)	3.00 (76)	0.63 (16)	3/8 (10)	2.87 (73)	1.75 (44)
HZ39-2N	1	1-1/4	2.20 (56)	0.56 (14)	0.51 (13)	2.44 (62)	6.14 (156)	3.00 (76)	0.63 (16)	1/2 (13)	3.62 (92)	1.75 (44)
HZ39-4N	2	1-1/4	3.00 (76)	0.56 (14)	0.51 (13)	2.44 (62)	6.14 (156)	3.00 (76)	0.63 (16)	1/2 (13)	3.62 (92)	1.75 (44)
HZ39-4N4	2	1-1/4	4.00 (102)	0.56 (14)	0.51 (13)	2.44 (62)	7.24 (184)	4.00 (102)	1.14 (29)	1/2 (13)	3.62 (92)	1.75 (44)
HZ40-2N	1	1-1/2	2.48 (63)	0.56 (14)	0.51 (13)	2.72 (69)	5.94 (151)	3.00 (76)	0.63 (16)	1/2 (13)	3.78 (96)	1.75 (44)
HZ40-4N	2	1-1/2	3.00 (76)	0.56 (14)	0.51 (13)	2.72 (69)	5.94 (151)	3.00 (76)	0.63 (16)	1/2 (13)	3.78 (96)	1.75 (44)
HZ40-4N4	2	1-1/2	4.00 (102)	0.56 (14)	0.51 (13)	2.72 (69)	6.97 (177)	4.00 (102)	1.14 (29)	1/2 (13)	3.78 (96)	1.75 (44)
HZ40-4M	2	1-1/2	4.00 (102)	0.56 (14)	0.51 (13)	2.72 (69)	6.97 (177)	4.00 (102)	0.98 (25)	1/2 (13)	3.78 (96)	1.97 (50)
HZ41-2N	1	2	3.07 (78)	0.56 (14)	0.51 (13)	2.72 (69)	5.98 (152)	3.00 (76)	0.63 (16)	1/2 (13)	4.69 (119)	1.75 (44)
HZ41-4N	2	2	3.07 (78)	0.56 (14)	0.51 (13)	2.72 (69)	5.98 (152)	3.00 (76)	0.63 (16)	1/2 (13)	4.69 (119)	1.75 (44)
HZ41-4N4	2	2	4.00 (102)	0.56 (14)	0.51 (13)	2.72 (69)	7.24 (184)	4.00 (102)	1.14 (29)	1/2 (13)	4.69 (119)	1.75 (44)
HZ42-2N	1	2-1/2	3.07 (78)	0.56 (14)	0.63 (16)	3.66 (93)	5.98 (152)	3.00 (76)	0.63 (16)	1/2 (13)	5.39 (137)	1.75 (44)
HZ42-4N	2	2-1/2	3.82 (97)	0.56 (14)	0.63 (16)	3.66 (93)	5.98 (152)	3.00 (76)	0.63 (16)	1/2 (13)	5.39 (137)	1.75 (44)
HZ43-4N	2	3	4.49 (114)	0.56 (14)	0.71 (18)	4.33 (110)	6.57 (167)	3.00 (76)	0.63 (16)	5/8 (16)	6.22 (158)	1.75 (44)
HZ43-4N4	2	3	4.49 (114)	0.56 (14)	0.71 (18)	4.33 (110)	7.56 (192)	4.00 (102)	1.14 (29)	5/8 (16)	6.22 (158)	1.75 (44)
HZ44-2N	1	3-1/2	4.49 (114)	0.56 (14)	0.87 (22)	5.12 (130)	6.50 (165)	3.00 (76)	0.63 (16)	5/8 (16)	6.89 (175)	1.75 (44)
HZ44-4N	2	3-1/2	4.49 (114)	0.56 (14)	0.87 (22)	5.12 (130)	6.50 (165)	3.00 (76)	0.63 (16)	5/8 (16)	6.89 (175)	1.75 (44)
HZ45-2N	1	4	5.00 (127)	0.56 (14)	0.87 (22)	5.63 (143)	7.24 (184)	3.00 (76)	0.63 (16)	5/8 (16)	7.40 (188)	1.75 (44)
HZ45-4N	2	4	5.00 (127)	0.56 (14)	0.87 (22)	5.63 (143)	7.24 (184)	3.00 (76)	0.63 (16)	5/8 (16)	7.40 (188)	1.75 (44)
HZ47-4N	2	5	5.00 (127)	0.56 (14)	1.00 (25)	6.77 (172)	8.27 (210)	3.00 (76)	0.63 (16)	5/8 (16)	8.50 (216)	1.75 (44)

HZ-90

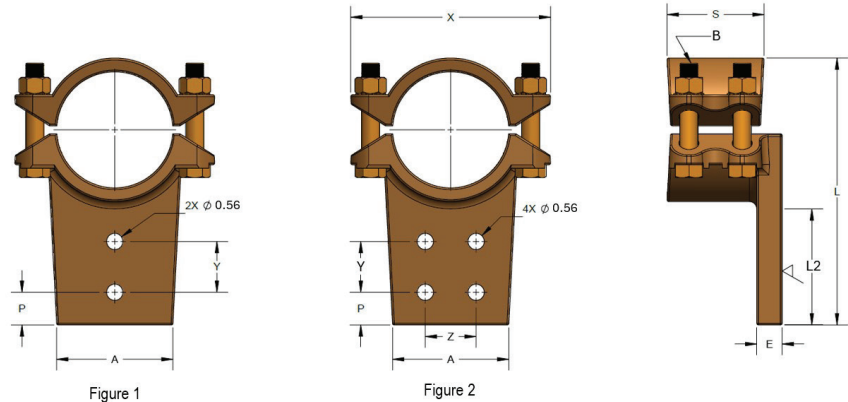
Bronze Bolted Terminal Tube to 90-Degree Pad 230kV and Below

Copper alloy terminal to connect tube in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all tube/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	NPS Tube Size	Dimensions									
			in (mm)									
			A	E	L	L2	P	S	B	X	Y	Z
HZ38-2N-90	1	1	1.86 (47)	0.39 (10)	4.96 (126)	3.00 (76)	0.63 (16)	2.60 (66)	3/8 (10)	2.87 (73)	1.75 (45)	N/A
HZ38-4N-90	2	1	3.00 (76)	0.39 (10)	5.31 (135)	3.00 (76)	0.63 (16)	2.72 (69)	3/8 (10)	2.87 (73)	1.75 (45)	1.75 (45)
HZ39-2N-90	1	1-1/4	2.26 (57)	0.51 (13)	5.71 (145)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	3.58 (91)	1.75 (45)	N/A
HZ39-4N-90	2	1-1/4	3.00 (76)	0.51 (13)	5.71 (145)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	3.58 (91)	1.75 (45)	1.75 (45)
HZ40-2N-90	1	1-1/2	2.50 (63)	0.51 (13)	5.83 (148)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	3.82 (97)	1.75 (45)	N/A
HZ40-4N-90	2	1-1/2	3.00 (76)	0.51 (13)	5.83 (148)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	3.82 (97)	1.75 (45)	1.75 (45)
HZ41-2N-90	1	2	3.00 (76)	0.51 (13)	6.30 (160)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	4.69 (119)	1.75 (45)	N/A
HZ41-4N-90	2	2	3.00 (76)	0.51 (13)	6.30 (160)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	4.69 (119)	1.75 (45)	1.75 (45)
HZ41-4N4-90	2	2	4.00 (102)	0.51 (13)	7.32 (186)	4.00 (102)	1.14 (29)	3.31 (84)	1/2 (13)	4.69 (119)	1.75 (45)	1.75 (45)
HZ42-4N-90	2	2-1/2	4.00 (102)	0.63 (16)	7.99 (203)	3.00 (76)	0.63 (16)	3.46 (88)	1/2 (13)	5.31 (135)	1.75 (45)	1.75 (45)
HZ43-4N-90	2	3	4.00 (102)	0.71 (18)	7.99 (203)	3.00 (76)	0.63 (16)	4.06 (103)	5/8 (16)	6.18 (157)	1.75 (45)	1.75 (45)
HZ44-4N4-90	2	3-1/2	4.00 (102)	0.87 (22)	8.54 (217)	4.00 (102)	1.14 (29)	4.29 (109)	5/8 (16)	6.89 (175)	1.75 (45)	1.75 (45)
HZ45-4N4-90	2	4	4.00 (102)	0.98 (25)	9.45 (240)	4.00 (102)	1.14 (29)	5.00 (127)	5/8 (16)	7.40 (188)	1.75 (45)	1.75 (45)

HZR

Bronze Bolted Terminal

Cable to Pad

230kV and Below

Copper alloy terminal to connect one cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

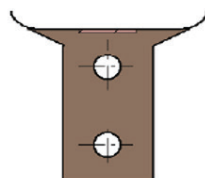


Fig. 1

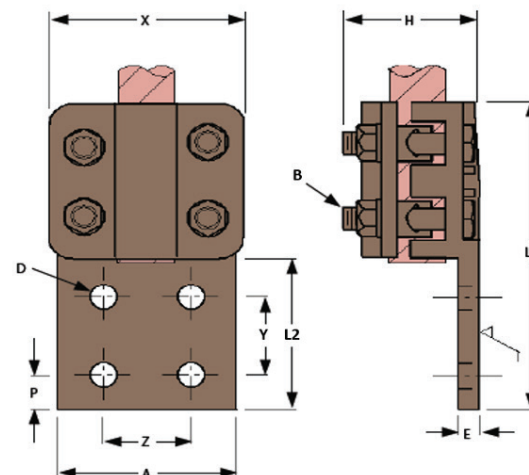


Fig. 2

Part Number	Figure	Cable AWG/MCM	Diameter in (mm)	Dimensions in (mm)									
				A	D	E	H	L	L2	P	B	X	Y/Z
HZR10-2N	1	4S-1/0T(*)	.204 - .372 (5.2 - 9.4)	1.26 (32)	0.56 (14)	0.31 (8)	1.57 (40)	5.59 (142)	3.00 (76)	0.63 (16)	3/8 (10)	1.77 (45)	1.75 (44)
HZR10-4N	2	4S-1/0T(*)	.204 - .372 (5.2 - 9.4)	3.00 (76)	0.56 (14)	0.31 (8)	1.57 (40)	5.59 (142)	3.00 (76)	0.63 (16)	3/8 (10)	1.77 (45)	1.75 (44)
HZR13-2N	1	2/0S-4/0T(*)	.365 - .528 (9.3 - 13.4)	1.26 (32)	0.56 (14)	0.31 (8)	1.69 (43)	5.83 (148)	3.00 (76)	0.63 (16)	3/8 (10)	1.93 (49)	1.75 (44)
HZR13-2M	1	2/0S-4/0T(*)	.365 - .528 (9.3 - 13.4)	1.26 (32)	0.56 (14)	0.31 (8)	1.69 (43)	6.81 (173)	4.00 (102)	0.98 (25)	3/8 (10)	1.93 (49)	1.97 (50)
HZR13-M3	1	2/0S-4/0T(*)	.365 - .528 (9.3 - 13.4)	1.26 (32)	0.56 (14)	0.31 (8)	1.69 (43)	6.42 (163)	3.62 (92)	0.63 (16)	3/8 (10)	1.93 (49)	2.36 (60)
HZR13-M5	1	2/0S-4/0T(*)	.365 - .528 (9.3 - 13.4)	2.36 (60)	0.51 (13)	0.31 (8)	1.69 (43)	7.40 (188)	4.57 (116)	0.98 (25)	3/8 (10)	1.93 (49)	2.36 (60)
HZR13-M4	2	2/0S-4/0T(*)	.365 - .528 (9.3 - 13.4)	4.00 (102)	0.56 (14)	0.31 (8)	1.69 (43)	6.81 (173)	4.00 (102)	0.63 (16)	3/8 (10)	1.93 (49)	2.36 (60)
HZR13-4N	2	2/0S-4/0T(*)	.365 - .528 (9.3 - 13.4)	3.00 (76)	0.56 (14)	0.31 (8)	1.69 (43)	5.83 (148)	3.00 (76)	0.63 (16)	3/8 (10)	1.93 (49)	1.75 (44)
HZR19-2N	1	250-500	.575 - .814 (14.6 - 20.7)	1.69 (43)	0.56 (14)	0.39 (10)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	3/8 (10)	2.28 (58)	1.75 (44)
HZR19-2M	1	250-500	.575 - .814 (14.6 - 20.7)	1.69 (43)	0.56 (14)	0.39 (10)	2.28 (58)	6.89 (175)	4.00 (102)	0.98 (25)	3/8 (10)	2.28 (58)	1.97 (50)
HZR19-M3	1	250-500	.575 - .814 (14.6 - 20.7)	1.69 (43)	0.56 (14)	0.39 (10)	1.97 (50)	5.91 (150)	3.00 (76)	0.63 (16)	3/8 (10)	2.28 (58)	1.57 (40)
HZR19-M2	2	250-500	.575 - .814 (14.6 - 20.7)	3.00 (76)	0.56 (14)	0.39 (10)	1.97 (50)	5.91 (150)	3.00 (76)	0.63 (16)	3/8 (10)	2.28 (58)	1.57 (40)
HZR19-4M	2	250-500	.575 - .814 (14.6 - 20.7)	4.00 (102)	0.56 (14)	0.39 (10)	2.28 (58)	6.89 (175)	4.00 (102)	0.98 (25)	3/8 (10)	2.28 (58)	1.97 (50)
HZR19-4N	2	250-500	.575 - .814 (14.6 - 20.7)	3.00 (76)	0.56 (14)	0.39 (10)	2.28 (58)	5.91 (150)	3.00 (76)	0.63 (16)	3/8 (10)	2.28 (58)	1.75 (44)
HZR25-2N	1	500-800	.814 - 1.031 (20.7 - 26.2)	1.69 (43)	0.56 (14)	0.51 (13)	2.40 (61)	5.87 (149)	3.00 (76)	0.63 (16)	3/8 (10)	2.48 (63)	1.75 (44)
HZR25-4N	2	500-800	.814 - 1.031 (20.7 - 26.2)	3.00 (76)	0.56 (14)	0.51 (13)	2.40 (61)	6.10 (155)	3.00 (76)	0.63 (16)	3/8 (10)	2.48 (63)	1.75 (44)

*S denotes SOLID wire, and T denotes STRANDED wire

HZR CONTINUED

Bronze Bolted Terminal

Cable to Pad

230kV and Below

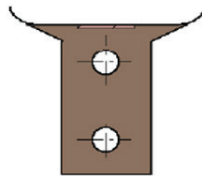


Fig. 1

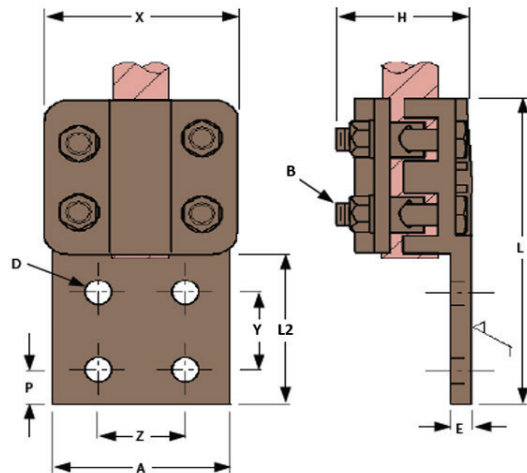


Fig. 2

Part Number	Figure	Cable AWG/MCM	Diameter	Dimensions									
				in (mm)									
			in (mm)	A	D	E	H	L	L2	P	B	X	Y/Z
HZR25-4N4	2	500-800	.814 - 1.031 (20.7 - 26.2)	4.00 (102)	0.56 (14)	0.51 (13)	2.40 (61)	7.13 (181)	4.00 (102)	1.14 (29)	3/8 (10)	2.48 (63)	1.75 (44)
HZR25-M1	2	500-800	.814 - 1.031 (20.7 - 26.2)	3.00 (76)	0.56 (14)	0.51 (13)	2.24 (57)	6.10 (155)	3.00 (76)	0.63 (16)	3/8 (10)	2.48 (63)	1.57 (40)
HZR28-2N	1	750-1000	.998 - 1.152 (25.3 - 29.3)	2.01 (51)	0.56 (14)	0.51 (13)	2.44 (62)	6.26 (159)	3.00 (76)	0.63 (16)	1/2 (13)	3.07 (78)	1.75 (44)
HZR28-4N	2	750-1000	.998 - 1.152 (25.3 - 29.3)	3.00 (76)	0.56 (14)	0.51 (13)	2.44 (62)	6.26 (159)	3.00 (76)	0.63 (16)	1/2 (13)	3.07 (78)	1.75 (44)
HZR28-4N4	2	750-1000	.998 - 1.152 (25.3 - 29.3)	4.00 (102)	0.56 (14)	0.51 (13)	2.44 (62)	7.17 (182)	4.00 (102)	1.14 (29)	1/2 (13)	3.07 (78)	1.75 (44)
HZR30-2N	1	1000-1500	1.152 - 1.412 (29.3 - 35.9)	2.76 (70)	0.56 (14)	0.51 (13)	2.83 (72)	6.50 (165)	3.00 (76)	0.63 (16)	1/2 (13)	3.31 (84)	1.75 (44)
HZR30-4N	2	1000-1500	1.152 - 1.412 (29.3 - 35.9)	3.00 (76)	0.56 (14)	0.51 (13)	2.83 (72)	6.50 (165)	3.00 (76)	0.63 (16)	1/2 (13)	3.31 (84)	1.75 (44)
HZR30-4M	2	1000-1500	1.152 - 1.412 (29.3 - 35.9)	4.00 (102)	0.56 (14)	0.51 (13)	2.83 (72)	7.48 (190)	4.00 (102)	0.98 (25)	1/2 (13)	3.31 (84)	1.97 (50)

HZR-90

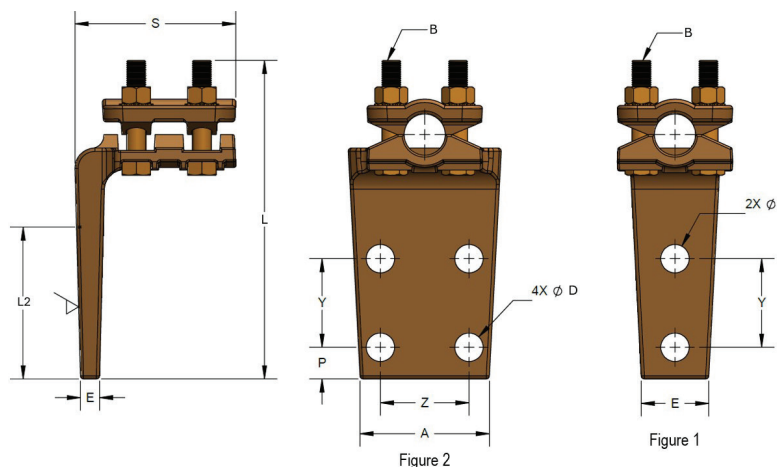
Bronze Bolted Terminal Cable to 90-Degree Pad 230kV and Below

Copper alloy terminal to connect cable in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	AWG/MCM	AWG/MCM Diameter	Dimensions									
				in (mm)									
				A	D	E	L	L2	P	S	B	Y	Z
HZR13-2N-90	1	2/0S - 4/0T*	0.365 - 0.528 (9.3 - 13.4)	1.26 (32)	0.56 (14)	0.39 (10)	4.61 (117)	3.00 (76)	0.63 (16)	2.91 (74)	3/8 (10)	1.75 (45)	N/A
HZR13-4N-90	2	2/0S - 4/0T*	0.365 - 0.528 (9.3 - 13.4)	3.00 (76)	0.56 (14)	0.39 (10)	4.61 (117)	3.00 (76)	0.63 (16)	2.91 (74)	3/8 (10)	1.75 (45)	1.75 (45)
HZR19-2N-90	1	250 - 500	0.575 - 0.814 (14.6 - 20.7)	1.69 (43)	0.56 (14)	0.39 (10)	4.92 (125)	3.00 (76)	0.63 (16)	3.07 (78)	3/8 (10)	1.75 (45)	N/A
HZR19-4N-90	2	250 - 500	0.575 - 0.814 (14.6 - 20.7)	3.00 (76)	0.56 (14)	0.39 (10)	4.92 (125)	3.00 (76)	0.63 (16)	3.07 (78)	3/8 (10)	1.75 (45)	1.75 (45)
HZR25-2N-90	1	500 - 800	0.814 - 1.031 (20.7 - 26.2)	1.69 (43)	0.56 (14)	0.51 (13)	5.59 (142)	3.00 (76)	0.63 (16)	3.31 (84)	3/8 (10)	1.75 (45)	N/A
HZR25-4N-90	2	500 - 800	0.814 - 1.031 (20.7 - 26.2)	3.00 (76)	0.56 (14)	0.51 (13)	5.59 (142)	3.00 (76)	0.63 (16)	3.31 (84)	3/8 (10)	1.75 (45)	1.75 (45)
HZR28-4N-90	2	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	3.00 (76)	0.56 (14)	0.51 (13)	5.59 (142)	3.00 (76)	0.63 (16)	3.62 (92)	1/2 (13)	1.75 (45)	1.75 (45)
HZR30-4N-90	2	1000 - 1500	1.152 - 1.412 (29.3 - 35.9)	3.00 (76)	0.56 (14)	0.55 (14)	5.83 (148)	3.00 (76)	0.63 (16)	3.62 (92)	1/2 (13)	1.75 (45)	1.75 (45)

*S denotes SOLID wire, and T denotes STRANDED wire

HZRD

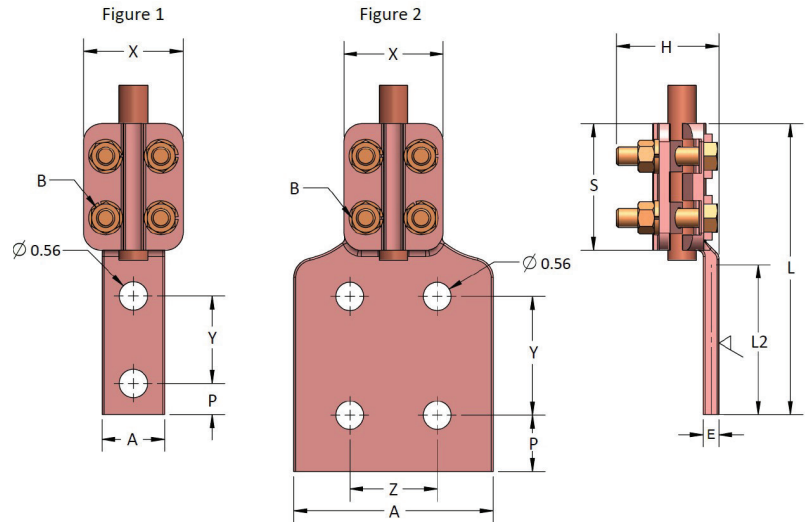
Bronze Bolted Terminal Cable to Pad, Double Groove 230kV and Below

Copper alloy terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	Minor Groove		Major Groove		Dimensions									
		AWG/MCM	AWG/MCM Diameter in (mm)	AWG/MCM	AWG/MCM Diameter in (mm)	in (mm)									
						A	E	H	L	L2	P	S	B	X	Y/Z
HZRD14-2N	1	6S - 1/0T(*)	0.162 - 0.372 (4.1 - 9.4)	2/0T - 250(*)	0.419 - 0.575 (10.6 - 14.6)	1.26 (32)	0.31 (8)	2.05 (52)	5.83 (148)	3.00 (76)	0.63 (16)	2.52 (64)	3/8 (10)	2.00 (51)	1.75 (45)
HZRD19-2N	1	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	1.69 (43)	0.39 (10)	2.28 (58)	5.98 (152)	3.00 (76)	0.63 (16)	2.64 (67)	3/8 (10)	2.28 (58)	1.75 (45)
HZRD19-4N	2	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	3.00 (76)	0.39 (10)	2.28 (58)	5.98 (152)	3.00 (76)	0.63 (16)	2.64 (67)	3/8 (10)	2.28 (58)	1.75 (45)
HZRD19-4N4	2	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	4.00 (102)	0.39 (10)	2.28 (58)	6.97 (177)	4.00 (102)	1.14 (29)	2.64 (67)	3/8 (10)	2.28 (58)	1.75 (45)
HZRD25-2N	1	2/0S - 450(*)	0.365 - 0.772 (9.3 - 19.6)	500 - 800	0.814 - 1.031 (20.7 - 26.2)	1.69 (43)	0.51 (13)	2.40 (61)	5.83 (148)	3.00 (76)	0.63 (16)	2.80 (71)	3/8 (10)	2.48 (63)	1.75 (45)
HZRD25-4N	2	2/0S - 450(*)	0.365 - 0.772 (9.3 - 19.6)	500 - 800	0.814 - 1.031 (20.7 - 26.2)	3.00 (76)	0.51 (13)	2.40 (61)	6.10 (155)	3.00 (76)	0.63 (16)	2.80 (71)	3/8 (10)	2.48 (63)	1.75 (45)
HZRD25-4N4	2	2/0S - 450(*)	0.365 - 0.772 (9.3 - 19.6)	500 - 800	0.814 - 1.031 (20.7 - 26.2)	4.00 (102)	0.51 (13)	2.40 (61)	7.09 (180)	4.00 (102)	1.14 (29)	2.80 (71)	3/8 (10)	2.48 (63)	1.75 (45)
HZRD28-2N	1	4/0T - 650(*)	0.528 - 0.929 (13.4 - 23.6)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	2.01 (51)	0.51 (13)	2.83 (72)	6.26 (159)	3.00 (76)	0.63 (16)	3.00 (76)	1/2 (13)	3.03 (77)	1.75 (45)
HZRD28-4N	2	4/0T - 650(*)	0.528 - 0.929 (13.4 - 23.6)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	3.00 (76)	0.51 (13)	2.83 (72)	6.26 (159)	3.00 (76)	0.63 (16)	3.00 (76)	1/2 (13)	3.03 (77)	1.75 (45)
HZRD28-4N4	2	4/0T - 650(*)	0.528 - 0.929 (13.4 - 23.6)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	4.00 (102)	0.51 (13)	2.83 (72)	7.17 (182)	4.00 (102)	1.14 (29)	3.00 (76)	1/2 (13)	3.03 (77)	1.75 (45)
HZRD30-2N	1	250 - 900	0.575 - 1.094 (14.6 - 27.8)	1000 - 1500	1.152 - 1.412 (29.3 - 35.9)	2.76 (70)	0.51 (13)	3.39 (86)	6.50 (165)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	3.31 (84)	1.75 (45)
HZRD30-4N	2	250 - 900	0.575 - 1.094 (14.6 - 27.8)	1000 - 1500	1.152 - 1.412 (29.3 - 35.9)	3.00 (76)	0.51 (13)	3.39 (86)	6.50 (165)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	3.31 (84)	1.75 (45)
HZRD30-4N4	2	250 - 900	0.575 - 1.094 (14.6 - 27.8)	1000 - 1500	1.152 - 1.412 (29.3 - 35.9)	4.00 (102)	0.51 (13)	3.39 (86)	7.48 (190)	4.00 (102)	1.14 (29)	3.31 (84)	1/2 (13)	3.31 (84)	1.75 (45)

*S denotes SOLID wire, and T denotes STRANDED wire

HZRD-90

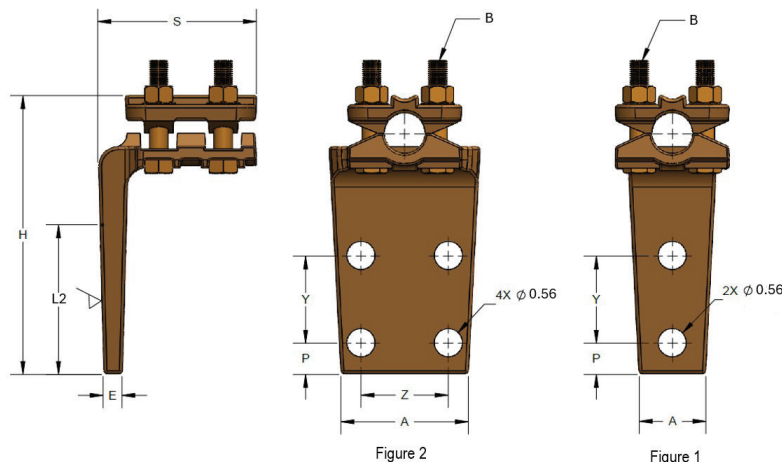
Bronze Bolted Terminal Cable to 90-Degree Pad, Double Groove 230kV and Below

Copper alloy terminal to connect cable in the main to a 90-degree flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	Minor Groove		Major Groove		Dimensions								
		AWG/MCM	AWG/MCM Diameter	AWG/MCM	AWG/MCM Diameter	in (mm)								
			in (mm)		in (mm)	A	E	H	L2	P	S	B	Y	Z
HZRD19-2N-90	1	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	1.75 (45)	0.39 (10)	5.24 (133)	3.00 (76)	0.63 (16)	3.07 (78)	3/8 (10)	1.75 (45)	N/A
HZRD19-4N-90	2	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	3.00 (76)	0.39 (10)	5.24 (133)	3.00 (76)	0.63 (16)	3.07 (78)	3/8 (10)	1.75 (45)	1.75 (45)
HZRD25-2N-90	1	2/0S - 400(*)	0.365 - 0.724 (9.3 - 18.4)	450 - 800	0.772 - 1.031 (19.6 - 26.2)	1.75 (45)	0.51 (13)	5.59 (142)	3.00 (76)	0.63 (16)	3.31 (84)	3/8 (10)	1.75 (45)	N/A
HZRD25-4N-90	2	2/0S - 400(*)	0.365 - 0.724 (9.3 - 18.4)	450 - 800	0.772 - 1.031 (19.6 - 26.2)	3.00 (76)	0.51 (13)	5.59 (142)	3.00 (76)	0.63 (16)	3.31 (84)	3/8 (10)	1.75 (45)	1.75 (45)
HZRD28-2N-90	1	4/0T - 750(*)	0.528 - 0.998 (13.4 - 25.3)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	2.00 (51)	0.51 (13)	5.59 (142)	3.00 (76)	0.63 (16)	3.31 (84)	1/2 (13)	1.75 (45)	N/A
HZRD28-4N-90	2	4/0T - 750(*)	0.528 - 0.998 (13.4 - 25.3)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	3.00 (76)	0.55 (14)	5.59 (142)	3.00 (76)	0.63 (16)	3.62 (92)	1/2 (13)	1.75 (45)	1.75 (45)
HZRD28-4N4-90	2	4/0T - 750(*)	0.528 - 0.998 (13.4 - 25.3)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	4.00 (102)	0.55 (14)	6.97 (177)	4.00 (102)	1.14 (29)	3.62 (92)	1/2 (13)	1.75 (45)	1.75 (45)
HZRD30-4N-90	2	250 - 900	0.575 - 1.094 (14.6 - 27.8)	1000 - 1500	1.152 - 1.412 (29.3 - 35.9)	3.00 (76)	0.55 (14)	6.34 (161)	3.00 (76)	0.63 (16)	3.62 (92)	1/2 (13)	1.75 (45)	1.75 (45)

*S denotes SOLID wire, and T denotes STRANDED wire

H2ZRD

Bronze Bolted Terminal Two Cable to Pad, Double Groove 230kV and Below

Copper alloy terminal to connect two cables in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Copper Alloy

HARDWARE: Silicone Bronze

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

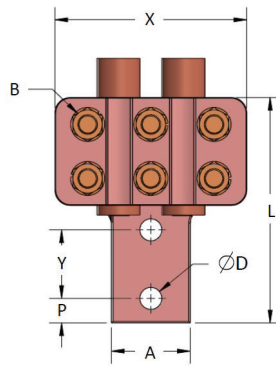


Figure 1

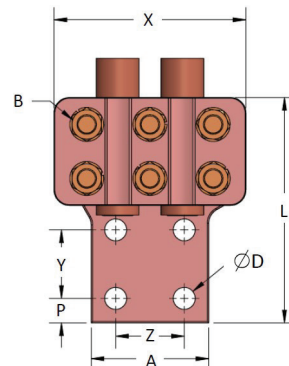
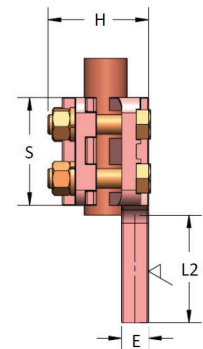


Figure 2



Part Number	Figure	Minor Groove		Major Groove		Dimensions									
		AWG/ MCM	AWG/MCM Diameter in (mm)	AWG/ MCM	AWG/MCM Diameter in (mm)	in (mm)									
						A	E	H	L	L2	P	S	B	X	Y/Z
H2ZRD19-2N	1	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	2.00 (51)	0.51 (13)	2.24 (57)	5.79 (147)	3.00 (76)	0.63 (16)	2.64 (67)	3/8 (10)	3.70 (94)	1.75 (45)
H2ZRD19-4N	2	1/0S - 4/0T(*)	0.325 - 0.528 (8.3 - 13.4)	250 - 500	0.575 - 0.814 (14.6 - 20.7)	3.00 (76)	0.51 (13)	2.24 (57)	5.79 (147)	3.00 (76)	0.63 (16)	2.64 (67)	3/8 (10)	3.70 (94)	1.75 (45)
H2ZRD25-2N	1	2/0S - 450(*)	0.365 - 0.772 (9.3 - 19.6)	500 - 800	0.814 - 1.031 (20.7 - 26.2)	2.75 (70)	0.51 (13)	2.24 (57)	6.10 (155)	3.00 (76)	0.63 (16)	2.80 (71)	3/8 (10)	4.06 (103)	1.75 (45)
H2ZRD25-4N	2	2/0S - 450(*)	0.365 - 0.772 (9.3 - 19.6)	500 - 800	0.814 - 1.031 (20.7 - 26.2)	3.00 (76)	0.51 (13)	2.24 (57)	6.10 (155)	3.00 (76)	0.63 (16)	2.80 (71)	3/8 (10)	4.06 (103)	1.75 (45)
H2ZRD25-4N4	2	2/0S - 450(*)	0.365 - 0.772 (9.3 - 19.6)	500 - 800	0.814 - 1.031 (20.7 - 26.2)	4.00 (102)	0.51 (13)	2.24 (57)	7.13 (181)	4.00 (102)	1.14 (29)	2.80 (71)	3/8 (10)	4.06 (103)	1.75 (45)
H2ZRD28-2N	1	4/0T - 650(*)	0.528 - 0.929 (13.4 - 23.6)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	3.00 (76)	0.51 (13)	2.36 (60)	6.26 (159)	3.00 (76)	0.63 (16)	3.00 (76)	1/2 (13)	5.28 (134)	1.75 (45)
H2ZRD28-4N	2	4/0T - 650(*)	0.528 - 0.929 (13.4 - 23.6)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	3.00 (76)	0.51 (13)	2.36 (60)	6.26 (159)	3.00 (76)	0.63 (16)	3.00 (76)	1/2 (13)	5.28 (134)	1.75 (45)
H2ZRD28-4N4	2	4/0T - 650(*)	0.528 - 0.929 (13.4 - 23.6)	750 - 1000	0.998 - 1.152 (25.3 - 29.3)	4.00 (102)	0.51 (13)	2.36 (60)	7.24 (184)	4.00 (102)	1.14 (29)	3.00 (76)	1/2 (13)	5.28 (134)	1.75 (45)

*S denotes SOLID wire, and T denotes STRANDED wire

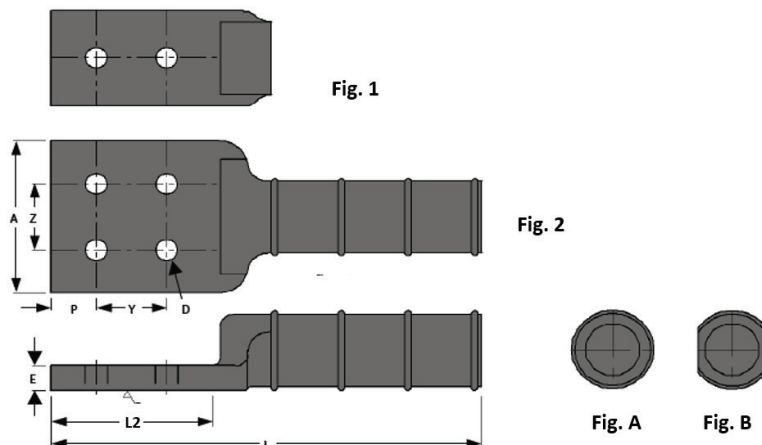
XZF-R

Aluminum Compression Terminal Cable to Pad 230kV and Below

Aluminum alloy compression terminal for connecting one cable to a flat pad. Crimp with "Burndy" tools, and electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	Cable AWG/MCM				Dimensions							Burndy Tool	Burndy Die	Number of Compressions
		AAC	AAC Diameter	ACSR	ACSR Diameter	in (mm)									
			in (mm)		in (mm)	A	D	E	L	L2	P	Y/Z			
XZF2R-2N	1A	2T*	0.292 (7.4)	2 (7/1)	0.325 (8.3)	2.32 (59)	0.56 (14.2)	0.31 (8)	5.98 (152)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U239	2
XZF10R-2N	1A	1/0T*	0.372 (9.4)	1/0 (6/1)	0.398 (10.1)	2.32 (59)	0.56 (14.2)	0.35 (9)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	UBG	4
XZF10R-4N	2A	1/0T*	0.372 (9.4)	1/0 (6/1)	0.398 (10.1)	3.00 (76)	0.56 (14.2)	0.39 (10)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	UBG	4
XZF12R-2N	1A	3/0T*	0.470 (11.9)	3/0 (6/1)	0.502 (12.8)	2.32 (59)	0.56 (14.2)	0.39 (10)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U247	3
XZF12R-4N	1A	3/0T*	0.470 (11.9)	3/0 (6/1)	0.502 (12.8)	3.00 (76)	0.56 (14.2)	0.39 (10)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U247	3
XZF13R-2N	1A	4/0T*	0.528 (13.4)	4/0 (6/1)	0.563 (14.3)	2.32 (59)	0.56 (14.2)	0.39 (10)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U247	3
XZF15R-2N	1B	250 - 266	0.575 - 0.593 (14.6 - 15.1)	266 (26/7)	0.642 (16.3)	2.32 (59)	0.56 (14.2)	0.39 (10)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U321	4
XZF15R-4N	2B	250 - 266	0.575 - 0.593 (14.6 - 15.1)	266 (26/7)	0.642 (16.3)	3.00 (76)	0.56 (14.2)	0.39 (10)	7.28 (185)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U321	4
XZF171R-2N	1B	366 - 350	0.666 - 0.679 (16.9 - 17.3)	336 (18/1)	0.684 (17.4)	2.32 (59)	0.56 (14.2)	0.39 (10)	7.09 (180)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U321	4
XZF171R-4N	2B	336 - 350	0.666 - 0.679 (16.9 - 17.3)	336 (18/1)	0.684 (17.4)	3.00 (76)	0.56 (14.2)	0.39 (10)	7.28 (185)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U321	4
XZF18R-2N	1A	397	0.724 (18.4)	336 (26/7) - 336 (30/7)	0.720 - 0.741 (18.3 - 18.8)	2.32 (59)	0.56 (14.2)	0.39 (10)	7.52 (191)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U316	4
XZF18R-4N	2A	397	0.724 (18.4)	336 (26/7) - 366 (30/7)	0.720 - 0.741 (18.3 - 18.8)	3.00 (76)	0.56 (14.2)	0.39 (10)	7.52 (191)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U316	4
XZF22R-2N	1A	500	0.814 (20.7)	477 (24/7) - 477 (30/7)	0.846 - 0.883 (21.5 - 22.4)	2.48 (63)	0.56 (14.2)	0.39 (10)	8.46 (215)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U261	5
XZF22R-4N	2A	500	0.814 (20.7)	477 (24/7) - 477 (30/7)	0.846 - 0.883 (21.5 - 22.4)	3.00 (76)	0.56 (14.2)	0.39 (10)	8.46 (215)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U261	5
XZF24R-2N	1A	556	0.857 (21.7)	556 (24/7) - 556 (26/7)	0.914 - 0.927 (23.2 - 23.5)	2.52 (64)	0.56 (14.2)	0.39 (10)	8.46 (215)	3.00 (76)	0.63 (16)	1.75 (44)	Y35 or Y750	U261	5
XZF24R-4N	2A	556	0.857 (21.7)	556 (24/7) - 556 (26/7)	0.914 - 0.927 (23.2 - 23.5)	3.00 (76)	0.56 (14.2)	0.39 (10)	8.46 (215)	3.00 (76)	0.63 (16)	1.75 (44)	Y45	U261	5

*S denotes SOLID wire, and T denotes STRANDED wire.

XZF-R CONTINUED

Aluminum Compression Terminal Cable to Pad 230kV and Below

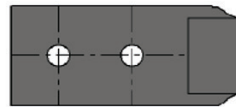


Fig. 1

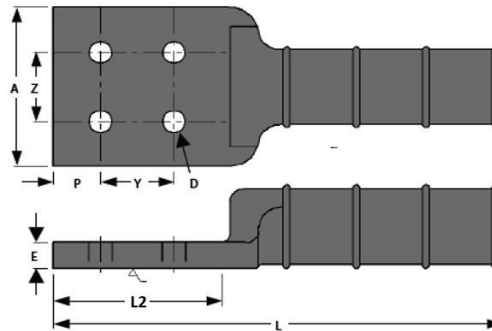


Fig. 2



Fig. A



Fig. B

Part Number	Figure	Cable AWG/MCM				Dimensions							Burndy Tool	Burndy Die	Number of Compressions
		AAC	AAC Diameter	ACSR	ACSR Diameter										
			in (mm)		in (mm)	A	D	E	L	L2	P	Y/Z			
XZF28R-2N	1B	700 - 795	0.964 - 1.028 (24.5 - 26.1)	605 (26/7) - 666 (26/7)	0.966 - 1.014 (24.5 - 25.8)	2.52 (64)	0.56 (14.2)	0.63 (16)	9.65 (245)	3.00 (76)	0.63 (16)	1.75 (44)	Y45	S319	6
XZF28R-4N	2B	700 - 795	0.964 - 1.028 (24.5 - 26.1)	605 (26/7) - 666 (26/7)	0.966 - 1.014 (24.5 - 25.8)	3.00 (76)	0.56 (14.2)	0.63 (16)	9.65 (245)	3.00 (76)	0.63 (16)	1.75 (44)	Y45	S319	6
XZF30R-2N	1B	900 - 1000	1.092 - 1.152 (27.7 - 29.3)	795 (24/7) - 954 (45/7)	1.092 - 1.165 (27.7 - 29.6)	2.52 (64)	0.56 (14.2)	0.63 (16)	9.65 (245)	3.00 (76)	0.63 (16)	1.75 (44)	Y45	352	3
XZF30R-4N	2B	900 - 1000	1.092 - 1.152 (27.7 - 29.3)	795 (24/7) - 954 (45/7)	1.092 - 1.165 (27.7 - 29.6)	3.00 (76)	0.56 (14.2)	0.63 (16)	9.76 (248)	3.00 (76)	0.63 (16)	1.75 (44)	Y45	352	3
XZF30R-4N4	1B	900 - 1000	1.092 - 1.152 (27.7 - 29.3)	795 (24/7) - 954 (45/7)	1.092 - 1.165 (27.7 - 29.6)	4.00 (102)	0.56 (14.2)	0.63 (16)	10.75 (273)	4.00 (102)	1.14 (29)	1.75 (44)	Y45	352	3
XZF35R-2N	1B	1272	1.300 (33.0)	1033 (54/7) - 1113 (45/7)	1.245 - 1.259 (31.6 - 32.0)	2.52 (64)	0.56 (14.2)	0.75 (19)	10.04 (255)	3.00 (76)	0.63 (16)	1.75 (44)	Y60B	L422	3
XZF35R-4N	2B	1272	1.300 (33.0)	1033 (54/7) - 1113 (45/7)	1.245 - 1.259 (31.6 - 32.0)	3.00 (76)	0.56 (14.2)	0.75 (19)	10.04 (255)	3.00 (76)	0.63 (16)	1.75 (44)	Y60B	L422	3
XZF35R-4N4	2B	1272	1.300 (33.0)	1033 (54/7) - 1113 (45/7)	1.245 - 1.259 (31.6 - 32.0)	4.00 (102)	0.56 (14.2)	0.75 (19)	10.55 (268)	4.00 (102)	1.14 (29)	1.75 (44)	Y60B	L422	3
XZF35R-4M	2B	1272	1.300 (33.0)	1033 (54/7) - 1113 (45/7)	1.245 - 1.259 (31.6 - 32.0)	4.00 (102)	0.56 (14.2)	0.75 (19)	10.55 (268)	4.00 (102)	0.98 (25)	1.97 (50)	Y60B	L422	3

XZF-R-90

Aluminum Compression Terminal Cable to 90-Degree Pad 230kV and Below

Aluminum alloy compression terminal for connecting one cable to a 90-degree flat pad. Crimp with "Burndy" tools, and electrical joint compound is recommended for all cable/flat contact surfaces.

CASTINGS: Aluminum Alloy

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

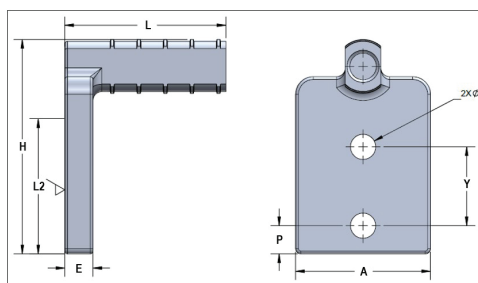


Figure 1

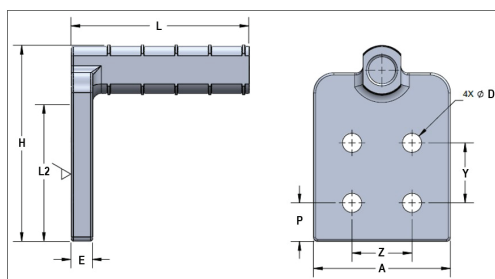


Figure 2

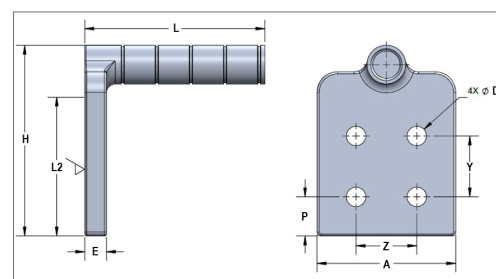


Figure 3

Part Number	Figure	Cable AWG/MCM				Dimensions									Burndy Tool	Burndy Die	Number of Compressions
		AAC	AAC Diameter	ACSR	ACSR Diameter	in (mm)											
			in (mm)		in (mm)	A	D	E	H	L	L2	P	Y	Z			
XZF15R-2N-90	1	250 - 266	0.575 - 0.593 (14.6 - 15.1)	266 (26/7)	0.642 (16.3)	2.29 (58)	0.56 (14)	0.39 (10)	4.53 (115)	3.58 (91)	3.00 (76)	0.63 (16)	1.75 (45)	N/A	Y35 or Y750	U321	4
XZF15R-4N-90	3	250 - 266	0.575 - 0.593 (14.6 - 15.1)	266 (26/7)	0.642 (16.3)	3.00 (76)	0.56 (14)	0.39 (10)	4.53 (115)	3.58 (91)	3.00 (76)	0.63 (16)	1.75 (45)	1.75 (45)	Y35 or Y750	U321	4
XZF22R-4N-90	2	500	0.814 (20.7)	477 (24/7) - 477 (30/7)	0.846 - 0.883 (21.5 - 22.4)	3.00 (76)	0.56 (14)	0.39 (10)	4.33 (110)	5.2 (132)	3.00 (76)	0.63 (16)	1.75 (45)	1.75 (45)	Y35 or Y750	U261	5
XZF22R-4N4-90	2	500	0.814 (20.7)	477 (24/7) - 477 (30/7)	0.846 - 0.883 (21.5 - 22.4)	4.00 (102)	0.56 (14)	0.39 (10)	5.31 (135)	5.2 (132)	4.00 (102)	1.14 (29)	1.75 (45)	1.75 (45)	Y35 or Y750	U261	5
XZF30R-4N-90	3	900 - 1000	1.092 - 1.152 (27.7 - 29.3)	795 (54/7) - 954 (45/7)	1.092 - 1.165 (27.7 - 29.6)	3.00 (76)	0.56 (14)	0.63 (16)	5.55 (141)	6.61 (168)	3.00 (76)	0.63 (16)	1.75 (45)	1.75 (45)	Y45	S352	3
XZF30R-4N4-90	3	900 - 1000	1.092 - 1.152 (27.7 - 29.3)	795 (54/7) - 954 (45/7)	1.092 - 1.165 (27.7 - 29.6)	4.00 (102)	0.56 (14)	0.63 (16)	5.79 (147)	6.61 (168)	4.00 (102)	1.14 (29)	1.75 (45)	1.75 (45)	Y45	S352	3
XZF35R-4N-90	3	1272	1.300 (33.0)	1033 (54/7) - 1113 (45/7)	1.245 - 1.259 (31.6 - 32.0)	3.00 (76)	0.56 (14)	0.75 (19)	5.67 (144)	6.61 (168)	3.00 (76)	0.63 (16)	1.75 (45)	1.75 (45)	Y60B	L422	3
XZF35R-4N4-90	3	1272	1.300 (33.0)	1033 (54/7) - 1113 (45/7)	1.245 - 1.259 (31.6 - 32.0)	4.00 (102)	0.56 (14)	0.75 (19)	6.14 (156)	6.61 (168)	4.00 (102)	1.14 (29)	1.75 (45)	1.75 (45)	Y60B	L422	3

ZTC

Aluminum Compression Terminal Cable to Pad 230kV and Below

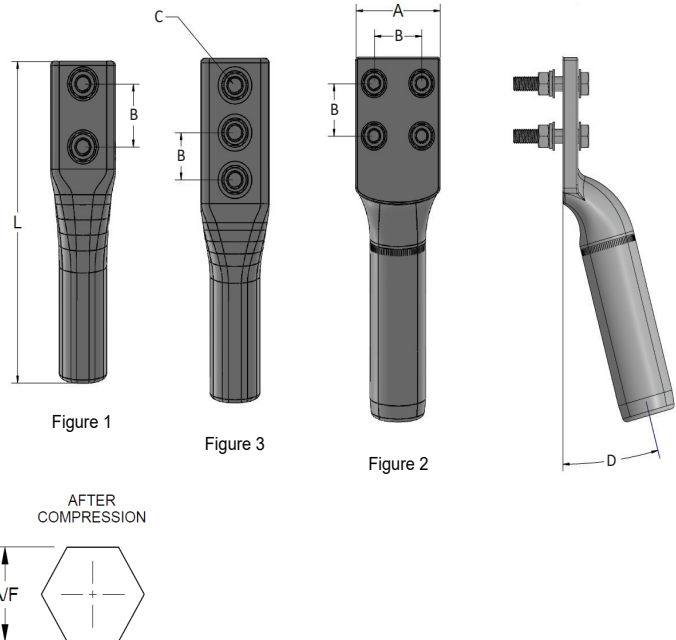
Aluminum alloy compression terminal for connecting one cable to a flat pad. Electrical joint compound is recommended for all cable/flat contact surfaces.

EXTRUSION: Aluminum Alloy

HARDWARE: Galvanized Steel

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

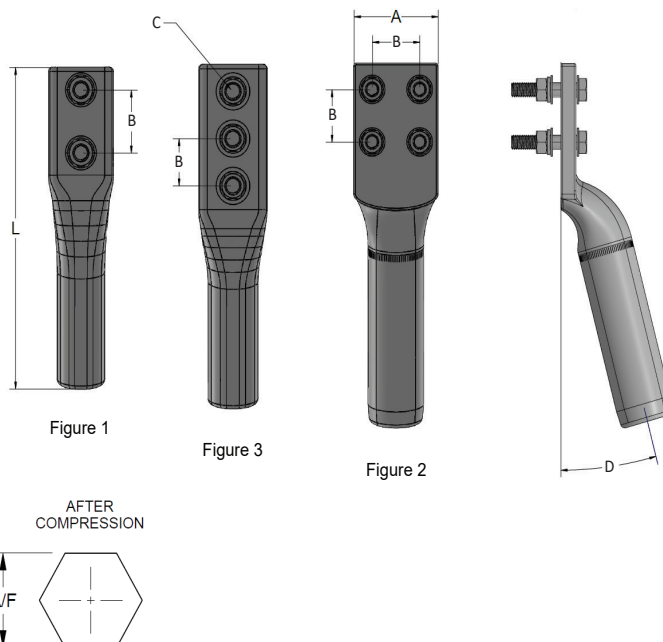
Example: ZTC-14-0N4 with Stainless Steel Hardware would be ZTC-14-0N4-SS.



Part Number	Figure	Cable Size	Dimensions					D (Angle)	Compression Die
			in (mm)						
		in (mm)	A	B	C	L	A/F		
ZTC-14-0N4	2	0.551 - 0.630 (14.0 - 16.0)	3.00 (76)	1.75 (44)	0.56 (14)	8.98 (228)	1.102 (28)	0	DC-28
ZTC-16-0N2	1	0.551 - 0.630 (14.0 - 16.0)	2.00 (51)	1.75 (44)	0.56 (14)	8.98 (228)	1.063 (27)	0	DC-27
ZTC-18-0N2	1	0.630 - 0.709 (16.0 - 18.0)	2.00 (51)	1.75 (44)	0.56 (14)	9.13 (232)	1.142 (29)	0	DC-29
ZTC-18-15N2	1	0.630 - 0.709 (16.0 - 18.0)	2.00 (51)	1.75 (44)	0.56 (14)	9.13 (232)	1.142 (29)	15	DC-29
ZTC-22-15N2	1	0.787 - 0.866 (20.0 - 22.0)	2.00 (51)	1.75 (44)	0.56 (14)	9.61 (244)	1.252 (31.8)	15	DC-32
ZTC-22-15N4	2	0.787 - 0.866 (20.0 - 22.0)	3.00 (76)	1.75 (44)	0.56 (14)	9.61 (244)	1.252 (31.8)	15	DC-32
ZTC-22-15N4HT	2	0.787 - 0.866 (20.0 - 22.0)	3.87 (98)	1.75 (44)	0.56 (14)	16.50 (419)	1.252 (31.8)	15	DC-32
ZTC-24-15N2	1	0.866 - 0.945 (22.0 - 24.0)	2.00 (51)	1.75 (44)	0.56 (14)	10.00 (254)	1.457 (37)	15	DC-37
ZTC-28-0N4	2	1.102 - 1.161 (28.0 - 29.5)	3.00 (76)	1.75 (44)	0.56 (14)	11.34 (288)	1.496 (38)	0	DC-38
ZTC-28-0N4HT	2	1.102 - 1.161 (28.0 - 29.5)	3.00 (76)	1.75 (44)	0.56 (14)	15.91 (404)	1.496 (38)	0	DC-38
ZTC-28-15N2	1	1.102 - 1.161 (28.0 - 29.5)	2.75 (70)	1.75 (44)	0.56 (14)	12.01 (305)	1.496 (38)	15	DC-38
ZTC-28-15N3	3	1.102 - 1.161 (28.0 - 29.5)	2.75 (70)	1.75 (44)	0.56 (14)	12.01 (305)	1.496 (38)	15	DC-38
ZTC-28-15N4	2	1.102 - 1.161 (28.0 - 29.5)	3.00 (76)	1.75 (44)	0.56 (14)	11.34 (288)	1.496 (38)	15	DC-38
ZTC-28-15N4HT	2	1.102 - 1.161 (28.0 - 29.5)	3.00 (76)	1.75 (44)	0.56 (14)	15.91 (404)	1.496 (38)	15	DC-38
ZTC-30-15N4	2	1.161 - 1.181 (29.5 - 30.0)	3.00 (76)	1.75 (44)	0.56 (14)	11.34 (288)	1.693 (43)	15	DC-43
ZTC-32-0N4	2	1.181 - 1.260 (30.0 - 32.0)	3.00 (76)	1.75 (44)	0.56 (14)	11.34 (288)	1.760 (44.7)	0	DC-44
ZTC-32-0N4HT	2	1.181 - 1.260 (30.0 - 32.0)	3.00 (76)	1.75 (44)	0.56 (14)	15.91 (404)	1.760 (44.7)	0	DC-44

ZTC CONTINUED

Aluminum Compression Terminal Cable to Pad 230kV and Below



Part Number	Figure	Cable Size in (mm)	Dimensions in (mm)					D (Angle)	Compression Die
			A	B	C	L	A/F		
ZTC-32-15N3	3	1.181 - 1.260 (30.0 - 32.0)	2.75 (70)	1.75 (44)	0.56 (14)	13.31 (338)	1.732 (44)	15	DC-44
ZTC-32-15N4	2	1.181 - 1.260 (30.0 - 32.0)	3.00 (76)	1.75 (44)	0.56 (14)	11.34 (288)	1.732 (44)	15	DC-44
ZTC-32-15N4HT	2	1.181 - 1.260 (30.0 - 32.0)	3.00 (76)	1.75 (44)	0.56 (14)	15.91 (404)	1.732 (44)	15	DC-44
ZTC-33-15N4	2	1.260 - 1.339 (32.0 - 34.0)	3.00 (76)	1.75 (44)	0.56 (14)	16.14 (410)	1.732 (44)	15	DC-44
ZTC-36-0N2	1	1.339 - 1.417 (34.0 - 36.0)	3.00 (76)	1.75 (44)	0.56 (14)	10.00 (254)	1.850 (47)	0	DC-47
ZTC-36-15N2	1	1.339 - 1.417 (34.0 - 36.0)	3.00 (76)	1.75 (44)	0.56 (14)	10.51 (267)	1.850 (47)	15	DC-47
ZTC-40-0N2	1	1.496 - 1.575 (38.0 - 40.0)	3.25 (83)	1.75 (44)	0.56 (14)	11.22 (285)	2.165 (55)	0	DC-55

XZ

Tin Plated Copper Compression Terminal Cable to Pad 230kV and Below

Tin plated copper terminal to connect cable in the main to a flat pad surface. Electrical joint compound is recommended for all cable/flat contact surfaces.

MATERIAL: Tin Plated Copper Alloy

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

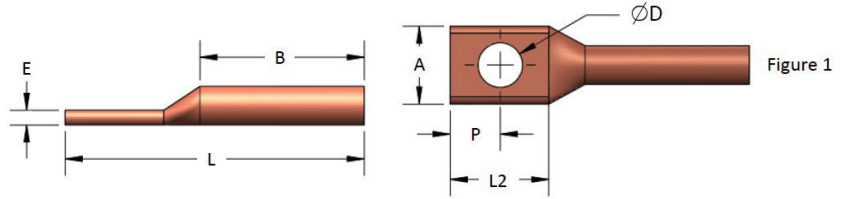


Figure 1

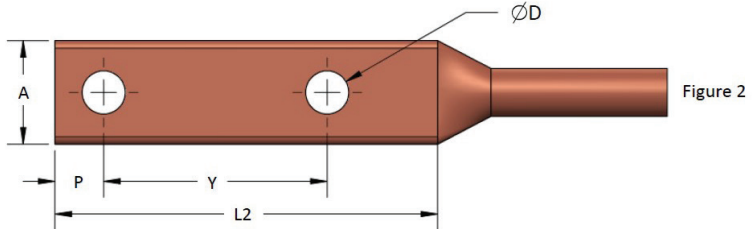


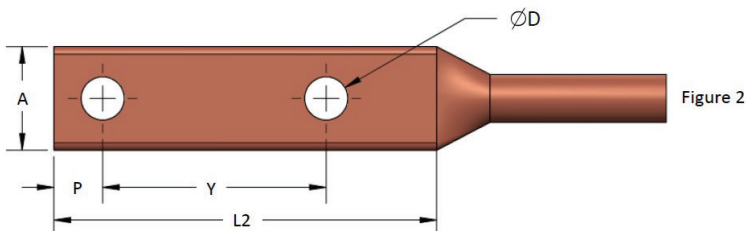
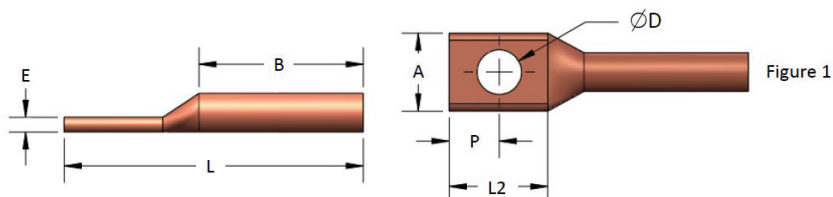
Figure 2

Part Number	Figure	AWG/MCM	AWG/MCM Diameter	Bolt Size	Dimensions								Burndy Tool	Color Code
					in (mm)									
			in (mm)	in (mm)	A	B	D	E	L	L2	P	Y		
XZ8	1	8T(*)	0.146 (3.7)	1/4 (6.4)	0.39 (10)	0.83 (21)	0.28 (7.1)	0.08 (2)	1.50 (38)	0.51 (13)	0.24 (6)	N/A	MY29	Red
XZ8-D6	1	8T(*)	0.146 (3.7)	3/8 (9.5)	0.59 (15)	0.83 (21)	0.41 (10.3)	0.08 (2)	1.85 (47)	0.75 (19)	0.39 (10)	N/A	MY29	Red
XZ6	1	6T(*)	0.184 (4.7)	1/4 (6.4)"	0.39 (10)	1.10 (28)	0.28 (7.1)	0.08 (2)	1.85 (47)	0.51 (13)	0.24 (6)	N/A	MY29	Blue
XZ6-D6	1	6T(*)	0.184 (4.7)	3/8 (9.5)	0.59 (15)	1.10 (28)	0.41 (10.3)	0.08 (2)	2.09 (53)	0.75 (19)	0.39 (10)	N/A	MY29	Blue
XZ6N	1	6T(*)	0.184 (4.7)	1/2 (12.7)	0.79 (20)	1.10 (28)	0.53 (13.5)	0.08 (2)	2.09 (53)	0.75 (19)	0.39 (10)	N/A	MY29	Blue
XZ4	1	4T(*)	0.232 (5.9)	1/4 (6.4)	0.51 (13)	1.10 (28)	0.28 (7.1)	0.08 (2)	1.93 (49)	0.51 (13)	0.24 (6)	N/A	MY29	Grey
XZ4-D6	1	4T(*)	0.232 (5.9)	3/8 (9.5)	0.59 (15)	1.10 (28)	0.41 (10.3)	0.08 (2)	2.17 (55)	0.75 (19)	0.39 (10)	N/A	MY29	Grey
XZ4N	1	4T(*)	0.232 (5.9)	1/2 (12.7)	0.79 (20)	1.10 (28)	0.53 (13.5)	0.08 (2)	2.17 (55)	0.75 (19)	0.39 (10)	N/A	MY29	Grey
XZ2	1	2T(*)	0.292 (7.4)	5/16 (7.9)	0.59 (15)	1.26 (32)	0.34 (8.6)	0.12 (3)	2.28 (58)	0.75 (19)	0.39 (10)	N/A	MY29	Brown
XZ2-D6	1	2T(*)	0.292 (7.4)	3/8 (9.5)	0.59 (15)	1.26 (32)	0.41 (10.3)	0.12 (3)	2.28 (58)	0.75 (19)	0.39 (10)	N/A	MY29	Brown
XZ2N	1	2T(*)	0.292 (7.4)	1/2 (12.7)	0.71 (18)	1.26 (32)	0.53 (13.5)	0.08 (2)	2.28 (58)	0.75 (19)	0.39 (10)	N/A	MY29	Brown
XZ10	1	1/0T(*)	0.372 (9.4)	5/16 (7.9)	0.75 (19)	1.38 (35)	0.34 (8.6)	0.12 (3)	2.56 (65)	0.75 (19)	0.39 (10)	N/A	MY29	Pink
XZ10D6	1	1/0T(*)	0.372 (9.4)	3/8 (9.5)	0.75 (19)	1.38 (35)	0.41 (10.3)	0.12 (3)	2.56 (65)	0.75 (19)	0.39 (10)	N/A	MY29	Pink
XZ10N	1	1/0T(*)	0.372 (9.4)	1/2 (12.7)	0.83 (21)	1.38 (35)	0.53 (13.5)	0.12 (3)	2.87 (73)	0.98 (25)	0.51 (13)	N/A	MY29	Pink
XZ10-2N	2	1/0T(*)	0.372 (9.4)	1/2 (12.7)	0.83 (21)	1.38 (35)	0.56 (14.2)	0.12 (3)	4.80 (122)	3.00 (76)	0.63 (16)	1.75 (45)	MY29	Pink
XZ20	1	2/0T(*)	0.419 (10.6)	3/8 (9.5)	0.83 (21)	1.50 (38)	0.41 (10.3)	0.12 (3)	2.91 (74)	0.87 (22)	0.43 (11)	N/A	MY29	Black
XZ20N	1	2/0T(*)	0.419 (10.6)	1/2 (12.7)	0.83 (21)	1.50 (38)	0.53 (13.5)	0.12 (3)	3.07 (78)	0.98 (25)	0.51 (13)	N/A	MY29	Black
XZ20-2N	2	2/0T(*)	0.419 (10.6)	1/2 (12.7)	0.83 (21)	1.50 (38)	0.56 (14.2)	0.12 (3)	5.08 (129)	3.00 (76)	0.63 (16)	1.75 (45)	MY29	Black
XZ30	1	3/0T(*)	0.470 (11.9)	1/2 (12.7)	0.91 (23)	1.50 (38)	0.53 (13.5)	0.12 (3)	3.03 (77)	0.98 (25)	0.51 (13)	N/A	MY29	Orange

*S denotes solid wire, and T denotes standard wire.

XZ CONTINUED

Tin Plated Copper Compression Terminal Cable to Pad 230kV and Below



Part Number	Figure	AWG/MCM	AWG/MCM Diameter	Bolt Size	Dimensions								Burndy Tool	Color Code
					in (mm)									
					in (mm)	in (mm)	A	B	D	E	L	L2		
XZ30-D6	1	3/0T(*)	0.470 (11.9)	3/8 (9.5)	0.91 (23)	1.50 (38)	0.41 (10.3)	0.12 (3)	3.03 (77)	0.98 (25)	0.39 (10)	N/A	MY29	Orange
XZ30-2N	2	3/0T(*)	0.470 (11.9)	1/2 (12.7)	0.91 (23)	1.50 (38)	0.56 (14.2)	0.12 (3)	5.04 (128)	3.00 (76)	0.63 (16)	1.75 (45)	MY29	Orange
XZ40T	1	4/0T(*)	0.528 (13.4)	3/8 (9.5)	0.98 (25)	1.61 (41)	0.41 (10.3)	0.16 (4)	3.11 (79)	0.98 (25)	0.51 (13)	N/A	MY29	Purple
XZ40	1	4/0T(*)	0.528 (13.4)	1/2 (12.7)	0.98 (25)	1.61 (41)	0.53 (13.5)	0.16 (4)	3.11 (79)	0.98 (25)	0.51 (13)	N/A	MY29	Purple
XZ40-2N	2	4/0T(*)	0.528 (13.4)	1/2 (12.7)	0.98 (25)	1.61 (41)	0.56 (14.2)	0.16 (4)	5.16 (131)	3.00 (76)	0.63 (16)	1.75 (45)	MY29	Purple
XZ250	1	250	0.575 (14.6)	1/2 (12.7)	1.10 (28)	1.61 (41)	0.53 (13.5)	0.16 (4)	3.35 (85)	1.10 (28)	0.55 (14)	N/A	MY29	Yellow
XZ250-2N	2	250	0.575 (14.6)	1/2 (12.7)	1.10 (28)	1.61 (41)	0.56 (14.2)	0.16 (4)	5.20 (132)	3.00 (76)	0.63 (16)	1.75 (45)	MY29	Yellow
XZ300	1	300	0.630 (16.0)	1/2 (12.7)	1.22 (31)	2.01 (51)	0.53 (13.5)	0.16 (4)	3.74 (95)	1.10 (28)	0.55 (14)	N/A	30RT	White
XZ300-2N	2	300	0.630 (16.0)	1/2 (12.7)	1.22 (31)	2.01 (51)	0.56 (14.2)	0.20 (5)	5.63 (143)	3.00 (76)	0.63 (16)	1.75 (45)	30RT	White
XZ350	1	350	0.681 (17.3)	1/2 (12.7)	1.30 (33)	2.01 (51)	0.53 (13.5)	0.20 (5)	3.78 (96)	1.10 (28)	0.55 (14)	N/A	31RT	Red
XZ350-2N	2	350	0.681 (17.3)	1/2 (12.7)	1.30 (33)	2.01 (51)	0.56 (14.2)	0.20 (5)	5.67 (144)	3.00 (76)	0.63 (16)	1.75 (45)	31RT	Red
XZ500	1	500	0.814 (20.7)	5/8 (15.9)	1.54 (39)	2.24 (57)	0.69 (17.5)	0.24 (6)	4.41 (112)	1.38 (35)	0.67 (17)	N/A	34RT	Brown
XZ500N	1	500	0.814 (20.7)	1/2 (12.7)	1.54 (39)	2.24 (57)	0.53 (13.5)	0.24 (6)	4.41 (112)	1.38 (35)	0.67 (17)	N/A	34RT	Brown
XZ500-2N	2	500	0.814 (20.7)	1/2 (12.7)	1.54 (39)	2.24 (57)	0.56 (14.2)	0.24 (6)	6.06 (154)	3.00 (76)	0.63 (16)	1.75 (45)	34RT	Brown
XZ750N	1	750	0.998 (25.3)	1/2 (12.7)	1.89 (48)	2.87 (73)	0.56 (14.2)	0.28 (7)	5.16 (131)	1.26 (32)	0.63 (16)	N/A	39RT	Black
XZ750-2N	2	750	0.998 (25.3)	1/2 (12.7)	1.89 (48)	2.87 (73)	0.56 (14.2)	0.28 (7)	6.93 (176)	3.00 (76)	0.63 (16)	1.75 (45)	39RT	Black
XZ1000-2N	2	1000	1.152 (29.3)	1/2 (12.7)	2.17 (55)	3.00 (76)	0.56 (14.2)	0.31 (8)	7.32 (186)	3.00 (76)	0.63 (16)	1.75 (45)	44RT	White

*S denotes solid wire, and T denotes standard wire.

WZTC-A

Aluminum Welded Terminal Tube to Centerformed Pad 230kV and Below

Aluminum alloy terminal to connect tube in the main to a centerformed flat pad surface. External weld allows for both SCH40 & SCH80 to be used on the same part.

CASTINGS: Aluminum Alloy

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

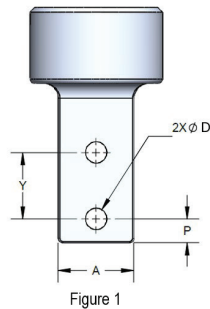


Figure 1

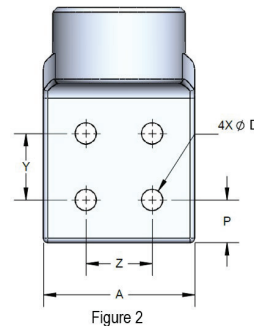
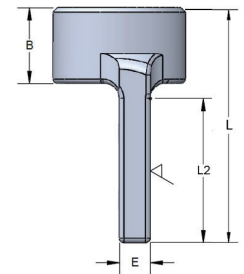


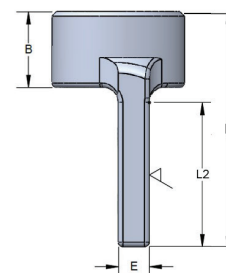
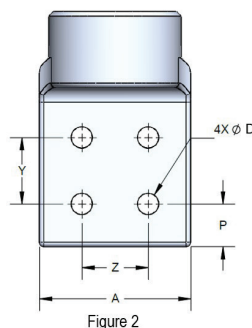
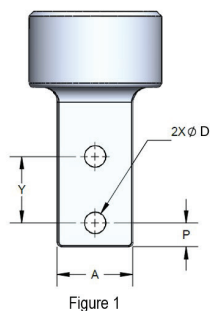
Figure 2



Part Number	Figure	NPS Tube Size	Dimensions								
			in (mm)								
			A	B	D	E	L	L2	P	Y	Z
WZTC37A-2N	1	3/4	2.00 (51)	1.00 (25)	0.56 (14)	0.37 (10)	4.37 (111)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC37A-4N	2	3/4	3.00 (76)	1.00 (25)	0.56 (14)	0.37 (10)	4.37 (111)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC37A-4N4	2	3/4	4.00 (102)	1.00 (25)	0.56 (14)	0.37 (10)	5.38 (137)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC38A-2N	1	1	2.00 (51)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC38A-4N	2	1	3.00 (76)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC38A-4N4	2	1	4.00 (102)	1.37 (35)	0.56 (14)	0.37 (10)	5.75 (146)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC39A-2N	1	1-1/4	2.00 (51)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC39A-4N	2	1-1/4	3.00 (76)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC39A-4N4	2	1-1/4	4.00 (102)	1.37 (35)	0.56 (14)	0.37 (10)	5.75 (146)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC40A-2N	1	1-1/2	2.00 (51)	1.87 (48)	0.56 (14)	0.50 (13)	5.25 (133)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC40A-4N	2	1-1/2	3.00 (76)	1.87 (48)	0.56 (14)	0.50 (13)	5.25 (133)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC40A-4N4	2	1-1/2	4.00 (102)	1.87 (48)	0.56 (14)	0.50 (13)	6.25 (159)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC41A-2N	1	2	2.50 (64)	2.00 (51)	0.56 (14)	0.50 (13)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC41A-4N	2	2	3.00 (76)	2.00 (51)	0.56 (14)	0.50 (13)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC41A-4N4	2	2	4.00 (102)	2.00 (51)	0.56 (14)	0.50 (13)	6.37 (162)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC42A-2N	1	2-1/2	3.00 (76)	2.00 (51)	0.56 (14)	0.62 (16)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC42A-4N	2	2-1/2	3.00 (76)	2.00 (51)	0.56 (14)	0.62 (16)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC42A-4N4	2	2-1/2	4.00 (102)	2.00 (51)	0.56 (14)	0.62 (16)	6.37 (162)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC43A-2N	1	3	3.00 (76)	2.25 (57)	0.56 (14)	0.75 (19)	5.62 (143)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC43A-4N	2	3	3.50 (89)	2.25 (57)	0.56 (14)	0.75 (19)	5.62 (143)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC43A-4N4	2	3	4.00 (102)	2.25 (57)	0.56 (14)	0.75 (19)	6.62 (168)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)

WZTC-A CONTINUED

Aluminum Welded Terminal Tube to Centerformed Pad 230kV and Below



Part Number	Figure	NPS Tube Size	Dimensions								
			in (mm)								
			A	B	D	E	L	L2	P	Y	Z
WZTC44A-2N	1	3-1/2	3.00 (76)	2.50 (64)	0.56 (14)	0.75 (19)	5.87 (149)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZTC44A-4N	2	3-1/2	3.75 (95)	2.50 (64)	0.56 (14)	0.75 (19)	5.87 (149)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC44A-4N4	2	3-1/2	4.00 (102)	2.50 (64)	0.56 (14)	0.75 (19)	6.87 (175)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC45A-4N	2	4	4.00 (102)	2.50 (64)	0.56 (14)	0.87 (22)	5.87 (149)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC45A-4N4	2	4	4.00 (102)	2.50 (64)	0.56 (14)	0.87 (22)	6.87 (175)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC47A-4N	1	5	4.50 (114)	2.87 (73)	0.56 (14)	1.00 (25)	6.25 (159)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZTC47A-4N4	2	5	4.50 (114)	2.87 (73)	0.56 (14)	1.00 (25)	7.25 (184)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZTC49A-4N4	1	6	5.25 (133)	3.62 (92)	0.56 (14)	1.13 (29)	8.00 (203)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)

WZT-A

Aluminum Welded Terminal Tube to Offset Pad 230kV and Below

Aluminum alloy terminal to connect tube in the main to an offset flat pad surface. External weld allows for both SCH40 & SCH80 to be used on the same part.

CASTINGS: Aluminum Alloy

See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.

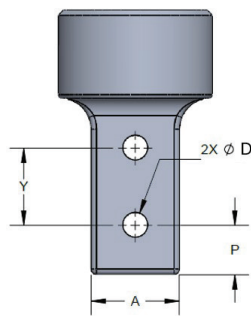


Figure 1

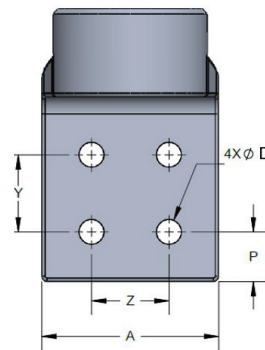
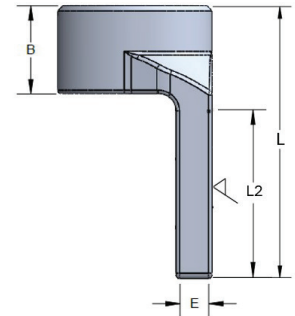


Figure 2



Part Number	Figure	NPS Tube Size	Dimensions								
			in (mm)								
			A	B	D	E	L	L2	P	Y	Z
WZT37A-2N	1	3/4	2.00 (51)	1.00 (25)	0.56 (14)	0.37 (10)	4.37 (111)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT37A-4N	2	3/4	3.00 (76)	1.00 (25)	0.56 (14)	0.37 (10)	4.37 (111)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT37A-4N4	2	3/4	4.00 (102)	1.00 (25)	0.56 (14)	0.37 (10)	5.38 (137)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT38A-2N	1	1	2.00 (51)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT38A-4N	2	1	3.00 (76)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT38A-4N4	2	1	4.00 (102)	1.37 (35)	0.56 (14)	0.37 (10)	5.75 (146)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT39A-2N	1	1-1/4	2.00 (51)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT39A-4N	2	1-1/4	3.00 (76)	1.37 (35)	0.56 (14)	0.37 (10)	4.75 (121)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT39A-4N4	2	1-1/4	4.00 (102)	1.37 (35)	0.56 (14)	0.37 (10)	5.75 (146)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT40A-2N	1	1-1/2	2.00 (51)	1.87 (48)	0.56 (14)	0.50 (13)	5.25 (133)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT40A-4N	2	1-1/2	3.00 (76)	1.87 (48)	0.56 (14)	0.50 (13)	5.25 (133)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT40A-4N4	2	1-1/2	4.00 (102)	1.87 (48)	0.56 (14)	0.50 (13)	6.25 (159)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT41A-2N	1	2	2.50 (64)	2.00 (51)	0.56 (14)	0.50 (13)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT41A-4N	2	2	3.00 (76)	2.00 (51)	0.56 (14)	0.50 (13)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT41A-4N4	2	2	4.00 (102)	2.00 (51)	0.56 (14)	0.50 (13)	6.37 (162)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT42A-2N	1	2-1/2	3.00 (76)	2.00 (51)	0.56 (14)	0.62 (16)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT42A-4N	2	2-1/2	3.00 (76)	2.00 (51)	0.56 (14)	0.62 (16)	5.37 (137)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT42A-4N4	2	2-1/2	4.00 (102)	2.00 (51)	0.56 (14)	0.62 (16)	6.37 (162)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT43A-2N	1	3	3.00 (76)	2.25 (57)	0.56 (14)	0.75 (19)	5.62 (143)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT43A-4N	2	3	3.50 (89)	2.25 (57)	0.56 (14)	0.75 (19)	5.62 (143)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT43A-4N4	2	3	4.00 (102)	2.25 (57)	0.56 (14)	0.75 (19)	6.62 (168)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)

WZT-A CONTINUED

Aluminum Welded Terminal Tube to Offset Pad 230kV and Below

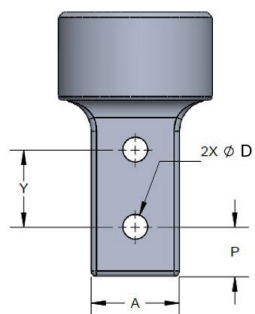


Figure 1

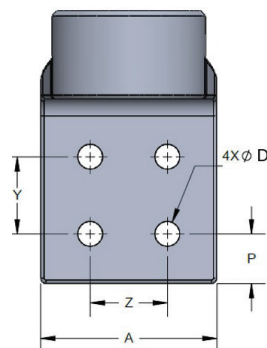
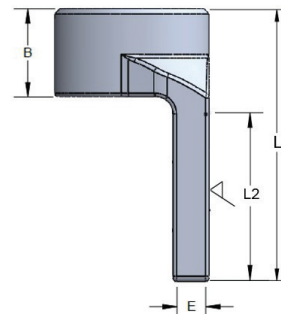


Figure 2



Part Number	Figure	NPS Tube Size	Dimensions								
			in (mm)								
			A	B	D	E	L	L2	P	Y	Z
WZT44A-2N	1	3-1/2	3.00 (76)	2.50 (64)	0.56 (14)	0.75 (19)	5.87 (149)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT44A-4N	2	3-1/2	3.75 (95)	2.50 (64)	0.56 (14)	0.75 (19)	5.87 (149)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT44A-4N4	2	3-1/2	4.00 (102)	2.50 (64)	0.56 (14)	0.75 (19)	6.87 (175)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT45A-4N	2	4	4.00 (102)	2.50 (64)	0.56 (14)	0.87 (22)	5.87 (149)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT45A-4N4	2	4	4.00 (102)	2.50 (64)	0.56 (14)	0.87 (22)	6.87 (175)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT47A-4N	2	5	4.50 (114)	2.87 (73)	0.56 (14)	1.00 (25)	6.25 (159)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT47A-4N4	2	5	4.50 (114)	2.87 (73)	0.56 (14)	1.00 (25)	7.25 (184)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT49A-4N4	2	6	5.25 (133)	3.62 (92)	0.56 (14)	1.13 (29)	8.00 (203)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)

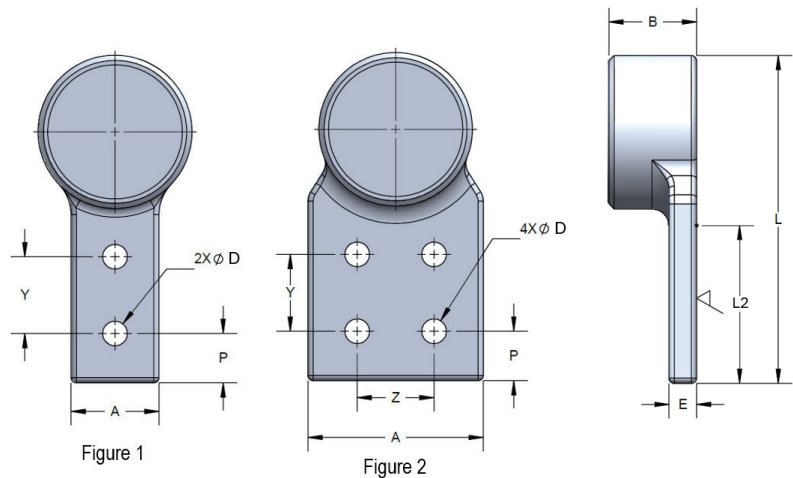
WZT-A-90

Aluminum Welded Terminal Tube to 90 Degree Pad 230kV and Below

Aluminum alloy terminal to connect tube in the main to a 90 degree flat pad surface. External weld allows for both SCH40 & SCH80 to be used on the same part.

CASTINGS: Aluminum Alloy

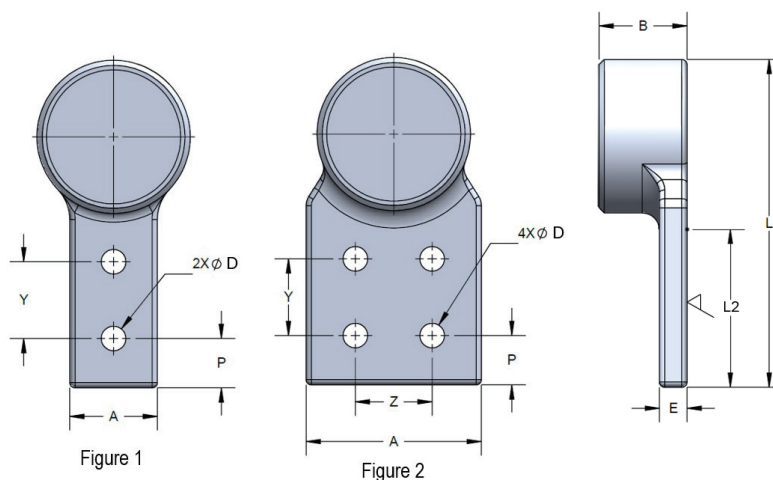
See page 172 for special order options such as tin plating, hardware materials and specific angles. Contact PLP for further details, unlisted option and/or special applications.



Part Number	Figure	NPS Tube Size	Dimensions								
			in (mm)								
			A	B	D	E	L	L2	P	Y	Z
WZT37A-2N-90	1	3/4	2.00 (51)	1.00 (25)	0.56 (14)	0.37 (10)	4.87 (124)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT37A-4N-90	2	3/4	3.00 (76)	1.00 (25)	0.56 (14)	0.37 (10)	4.87 (124)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT37A-4N4-90	2	3/4	4.00 (102)	1.00 (25)	0.56 (14)	0.37 (10)	5.87 (149)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT38A-2N-90	1	1	2.00 (51)	1.37 (35)	0.56 (14)	0.37 (10)	5.24 (133)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT38A-4N-90	2	1	3.00 (76)	1.37 (35)	0.56 (14)	0.37 (10)	5.24 (133)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT38A-4N4-90	2	1	4.00 (102)	1.37 (35)	0.56 (14)	0.37 (10)	6.24 (158)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT39A-2N-90	1	1-1/4	2.00 (51)	1.37 (35)	0.56 (14)	0.37 (10)	5.68 (144)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT39A-4N-90	2	1-1/4	3.00 (76)	1.37 (35)	0.56 (14)	0.37 (10)	5.68 (144)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT39A-4N4-90	2	1-1/4	4.00 (102)	1.37 (35)	0.56 (14)	0.37 (10)	6.68 (170)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT40A-2N-90	1	1-1/2	2.00 (51)	1.87 (48)	0.56 (14)	0.50 (13)	6.02 (153)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT40A-4N-90	2	1-1/2	3.00 (76)	1.87 (48)	0.56 (14)	0.50 (13)	6.02 (153)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT40A-4N4-90	2	1-1/2	4.00 (102)	1.87 (48)	0.56 (14)	0.50 (13)	7.02 (178)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT41A-2N-90	1	2	2.50 (64)	2.00 (51)	0.56 (14)	0.50 (13)	6.50 (165)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT41A-4N-90	2	2	3.00 (76)	2.00 (51)	0.56 (14)	0.50 (13)	6.50 (165)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT41A-4N4-90	2	2	4.00 (102)	2.00 (51)	0.56 (14)	0.50 (13)	7.50 (190)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT42A-2N-90	1	2-1/2	3.00 (76)	2.00 (51)	0.56 (14)	0.62 (16)	7.17 (182)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT42A-4N-90	2	2-1/2	3.00 (76)	2.00 (51)	0.56 (14)	0.62 (16)	7.17 (182)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT42A-4N4-90	2	2-1/2	4.00 (102)	2.00 (51)	0.56 (14)	0.62 (16)	8.17 (208)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT43A-2N-90	1	3	3.00 (76)	2.25 (57)	0.56 (14)	0.75 (19)	7.92 (201)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT43A-4N-90	2	3	3.50 (89)	2.25 (57)	0.56 (14)	0.75 (19)	7.92 (201)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT43A-4N4-90	2	3	4.00 (102)	2.25 (57)	0.56 (14)	0.75 (19)	8.92 (227)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)

WZT-A-90 CONTINUED

Aluminum Welded Terminal
Tube to 90 Degree Pad
230kV and Below



Part Number	Figure	NPS Tube Size	Dimensions								
			in (mm)								
			A	B	D	E	L	L2	P	Y	Z
WZT44A-2N-90	1	3-1/2	3.00 (76)	2.50 (64)	0.56 (14)	0.75 (19)	8.55 (217)	3.00 (76)	0.63 (16)	1.75 (44)	N/A
WZT44A-4N-90	2	3-1/2	3.75 (95)	2.50 (64)	0.56 (14)	0.75 (19)	8.55 (217)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT44A-4N4-90	2	3-1/2	4.00 (102)	2.50 (64)	0.56 (14)	0.75 (19)	9.55 (242)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT45A-4N-90	2	4	4.00 (102)	2.50 (64)	0.56 (14)	0.87 (22)	9.05 (230)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT45A-4N4-90	2	4	4.00 (102)	2.50 (64)	0.56 (14)	0.87 (22)	10.05 (255)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT47A-4N-90	2	5	4.50 (114)	2.87 (73)	0.56 (14)	1.00 (25)	10.49 (266)	3.00 (76)	0.63 (16)	1.75 (44)	1.75 (44)
WZT47A-4N4-90	2	5	4.50 (114)	2.87 (73)	0.56 (14)	1.00 (25)	11.49 (292)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)
WZT49A-4N4-90	2	6	5.25 (133)	3.62 (92)	0.56 (14)	1.13 (29)	12.80 (325)	4.00 (102)	1.13 (29)	1.75 (44)	1.75 (44)