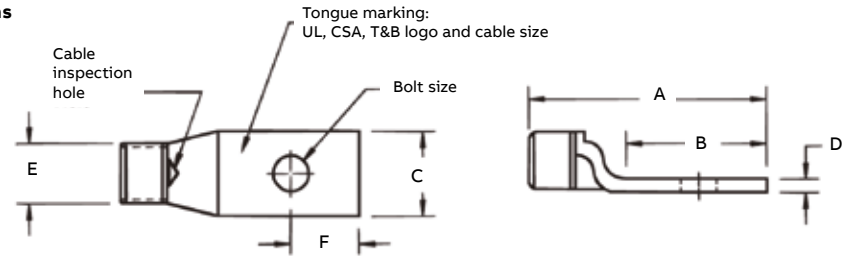
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
54101	#14–10 AWG	–	¼	1.23 (31.2)	0.56 (14.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	Yellow
256-30695-1351	#14–10 AWG		#8	1.36 (34.5)	0.68 (17.3)	0.36 (9.1)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	
256-30695-1352	#14–10 AWG		¼	1.36 (34.5)	0.68 (17.3)	0.41 (10.4)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	
256-30695-263	#14–10 AWG		¼	1.69 (43.0)	0.81 (20.6)	0.50 (12.7)	0.07 (1.8)	0.20 (5.1)	0.25 (6.4)	ERG2002	
54104	#8 AWG	#8 Str., 23 Navy #8 Weld 37/24 0.180	#10	1.16 (29.5)	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130	#8 AWG		¼	1.20 (30.5)	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)	21	
54131	#8 AWG		5⁄16	1.33 (33.8)	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54132	#8 AWG		⅜	1.33 (33.8)	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
256-30695-424	#8 AWG		½	1.75 (44.5)	1.31 (33.3)	1.00 (25.4)	0.13 (3.3)	0.25 (6.4)	0.50 (12.7)	21	
256-30695-1361	#6 AWG	#6 Str., #30 Navy #6 Weld 61/24 133/0.014, 0.227	#12	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	Blue
54134	#6 AWG		#10	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	
54105	#6 AWG		¼	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	
54135	#6 AWG		5⁄16	1.41 (35.8)	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.8)	0.31 (7.9)	24	
54136	#6 AWG		⅜	1.41 (35.8)	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.8)	0.31 (7.9)	24	
256-30695-282	#6 AWG		⅜	1.41 (35.8)	0.75 (19.1)	0.56 (14.2)	0.06 (1.5)	0.31 (7.8)	0.31 (7.9)	24	
256-30695-422	#6 AWG		½	1.75 (44.5)	1.31 (33.3)	1.00 (25.4)	0.13 (3.3)	0.31 (7.8)	0.50 (12.7)	24	
256-30695-1362	#4 AWG	# 5 Str., 40-50 Navy 91/24 133/0.0177, 49/0.029 0.265	#12	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54138	#4 AWG		#10	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54106	#4 AWG		¼	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54139	#4 AWG		5⁄16	1.42 (36.1)	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.9)	29	
54140	#4 AWG		⅜	1.42 (36.1)	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.9)	29	
256-30695-233	#4 AWG		⅜	1.56 (37.0)	0.75 (19.1)	0.59 (15.0)	0.06 (1.5)	0.37 (9.4)	0.31 (7.9)	29	
256-30695-264	#4 AWG		½	2.20 (56.0)	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)	29	
54107	#2 AWG	#3 Str., #60 Navy 125/24 #4 Weld 0.300	¼	1.50 (38.1)	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142-TB	#2 AWG		5⁄16	1.73 (43.9)	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54143-TB	#2 AWG		⅜	1.65 (41.9)	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54145-TB	#2 AWG		½	1.92 (48.8)	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	33	
54108	#1 AWG	#2 Str., 75 Navy, #2 Weld 150/24, 175/24 133/0.0223, 0.360	¼	1.50 (38.1)	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147	#1 AWG		5⁄16	1.73 (43.9)	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54148	#1 AWG		⅜	1.78 (45.2)	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54150	#1 AWG		½	2.10 (53.3)	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	37	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

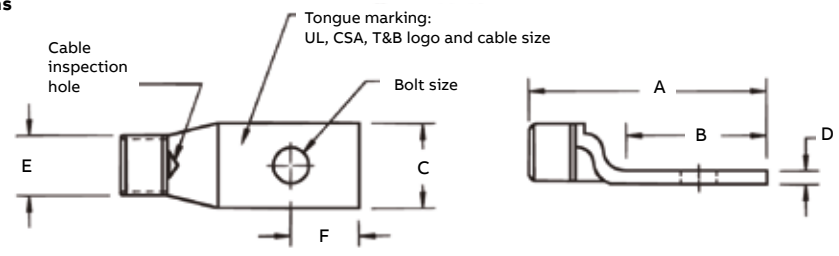
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[v] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
54152-TB	1/0 AWG	1 AWG, #100 Navy #1 Weld 225/24 133/0.0254, 0.389 min.	¼	1.60 (40.6)	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54153-TB	1/0 AWG		5/16	1.83 (46.5)	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54109	1/0 AWG		⅜	1.88 (47.8)	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54155-TB	1/0 AWG		½	2.20 (55.9)	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
256-30695-1383	1/0 AWG		⅝	2.54 (64.5)	1.50 (38.1)	0.88 (22.4)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	42	
54157	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 427/0.0155, 438 min. 133/0.0282	¼	1.65 (41.9)	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black
54158	2/0 AWG		5/16	1.88 (47.8)	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54110	2/0 AWG		⅜	1.93 (49.0)	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54160	2/0 AWG		½	2.25 (57.2)	1.25 (31.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	
256-30695-131	2/0 AWG		⅝	2.56 (65.0)	1.50 (38.1)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.63 (16.0)	45	
54162-TB	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24 133/0.0316, 259/0.0227 427/0.0177, 0.500	¼	1.75 (44.5)	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange
54163-TB	3/0 AWG		5/16	1.98 (50.3)	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54111	3/0 AWG		⅜	2.03 (51.6)	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54165-TB	3/0 AWG		½	2.35 (59.7)	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	
54167	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld 450/24 703/0.0154, 0.560	¼	1.90 (48.3)	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54168	4/0 AWG		5/16	2.13 (54.1)	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54112	4/0 AWG		⅜	2.18 (55.4)	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54170	4/0 AWG		½	2.50 (63.5)	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	
256-30695-1174	4/0 AWG		¾	2.86 (72.6)	1.56 (39.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.75 (19.1)	54	
58161	–	4/0 Weld 550/24 130/0.0399 259/0.0286 66	¼	2.23 (56.6)	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow
58162	–		5/16	2.33 (59.2)	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58163	–		⅜	2.38 (60.5)	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58165	–		½	2.76 (70.1)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62	
58166	–		⅝	3.03 (77.0)	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.83 (21.1)	62	
54172-TB	250 kcmil	4/0 250 Navy 0.629	¼	2.00 (50.8)	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	
54173	250 kcmil		5/16	2.23 (56.6)	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54174	250 kcmil		⅜	2.28 (57.9)	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54113	250 kcmil		½	2.60 (66.0)	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	

Diagrams



[v] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

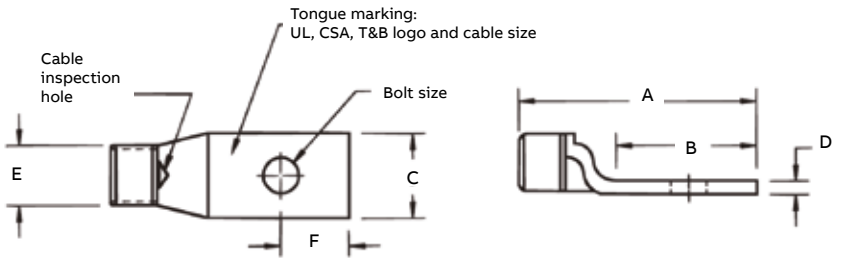
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
58168	–	250 Weld 650/24 = 262 kcmil 259/0.0311, 703/0.0189	½	2.70 (68.6)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54178	300 kcmil	250 kcmil 300 Navy 0.660	5⁄16	2.33 (59.2)	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54179			⅜	2.43 (61.7)	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54114			½	2.70 (68.6)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	
54181			⅝	3.03 (77.0)	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.75 (19.1)	66	
58171	–	300 Weld, 259/0.034 427/0.0265, 889/0.0183 775/24 = 313 kcmil, 0.719	½	2.85 (72.4)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
256-30695-112	350 kcmil	350 Navy 0.719	⅜	2.90 (73.7)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	
54115	350 kcmil		½	2.85 (72.4)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	
54183	350 kcmil		⅝	3.21 (81.5)	1.28 (32.5)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.75 (19.1)	71	
58174	–	350 Weld, 259/0.0368 427/0.0285 889/0.0201	½	3.35 (85.1)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue
54116	400 kcmil	300 kcmil, 400 Navy, 0.757	½	3.20 (81.3)	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	
54185	400 kcmil		⅝	3.53 (89.7)	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.75 (19.1)	76	
58177	–	400 Weld 925/24 = 373 kcmil 259/0.0393 or 427/0.0306, 0.799	½	3.31 (84.1)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	–
256-30695-1403	–		⅜	3.31 (84.1)	1.31 (33.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80	
256-30695-339	500 kcmil	925/24 500 Navy 0.850	⅜	3.10 (78.7)	1.00 (25.4)	1.61 (40.9)	0.22 (5.6)	1.10 (28.0)	0.38 (9.7)	87	Brown
54118	500 kcmil		½	3.30 (83.8)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	
54187	500 kcmil		⅝	3.63 (92.2)	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	
58180	–	1100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	⅝	3.79 (96.3)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	Green
256-30695-1370	600 kcmil	0.956	½	3.65 (92.7)	1.44 (36.6)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.48 (12.2)	94	
54120	600 kcmil		⅝	3.79 (96.3)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	

Diagram



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

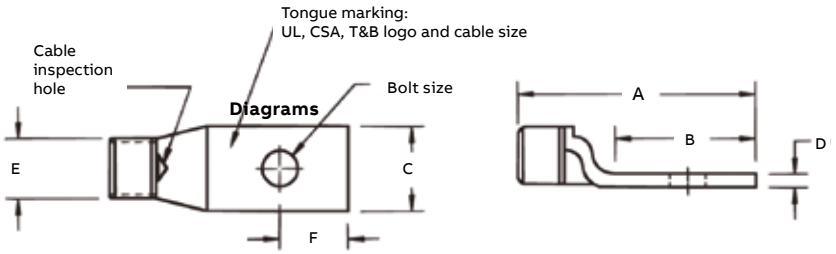
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
54122-TB	700 kcmil	–	⅝	3.68 (93.5)	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.63 (16.0)	99	Pink
256-30695-1404	–	1325/24 = 500/535 kcmil 427/0.0342, 0.968	⅜	3.29 (83.6)	1.29 (32.8)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.66 (16.8)	99	
256-30695-1405	–		½	3.29 (83.6)	1.29 (32.8)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.66 (16.8)	99	
256-30695-840	–		½	4.00 (101.6)	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.48 (12.2)	99	
58182	–		⅝	3.83 (97.3)	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99	
256-30695-193	–	1.060	½	4.00 (101.6)	1,69 (42.9)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.48 (12.2)	106	Black
54123-TB	750 kcmil	1.060	⅝	3.87 (98.3)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58184	–	1600/24 = 646 kcmil	⅝	3.80 (96.5)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
54124-TB	800 kcmil	800 Navy, 1.109	⅝	4.04 (102.6)	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange
256-30695-843	900 kcmil	1925/24 = 750/777 kcmil, 1.187	½	4.31 (109.5)	1.81 (46.0)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.88 (22.4)	115	Yellow
54126	900 kcmil		⅝	4.15 (105.4)	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	
54128	1,000 kcmil	1,000 Navy, 1.253	⅝	4.09 (103.9)	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–

Diagram



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

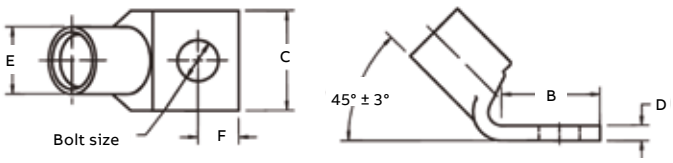
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
54104UF	#8 AWG	#8 Str., 23 Navy	#10	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130UF	#8 AWG	#8 weld 37/24	¼	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)	21	
54131UF	#8 AWG	0.180	5⁄16	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54132UF	#8 AWG		⅜	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54134UF	#6 AWG	#6 Str., 30 Navy	#10	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	Blue
54105UF	#6 AWG	#6 Weld 61/24	¼	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	
54135UF	#6 AWG	133/0.014	5⁄16	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54136UF	#6 AWG	0.227	⅜	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54138UF	#4 AWG	#5 Str., 40-50 Navy	#10	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54106UF	#4 AWG	91/24	¼	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54139UF	#4 AWG	133/0.0177	5⁄16	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
54140UF	#4 AWG	49/0.029	⅜	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
256-30695-264UF	#4 AWG	0.265	½	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)	29	
54107UF	#2 AWG	#3 Str.	¼	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142UF	#2 AWG	60 Navy	5⁄16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54143UF	#2 AWG	125/24	⅜	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54145UF	#2 AWG	#4 Weld 0.300	½	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	33	
54108UF	#1 AWG	#2 AWG, 75 Navy,	¼	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147UF	#1 AWG	#2 Weld 150/24	5⁄16	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54148UF	#1 AWG	175/24	⅜	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54150UF	#1 AWG	133/0.0223 0.360	½	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	37	
54152UF	1/0 AWG	#1 AWG	¼	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54153UF	1/0 AWG	100 Navy, #1 Weld	5⁄16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54109UF	1/0 AWG	225/24	⅜	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54155UF	1/0 AWG	133/0.0254 0.389	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
54157UF	2/0 AWG	1/0 AWG, 125 Navy	¼	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black
54158UF	2/0 AWG	1/0 Weld 275/24	5⁄16	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54110UF	2/0 AWG	427/0.0155,	⅜	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54160UF	2/0 AWG	133/0.0282	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

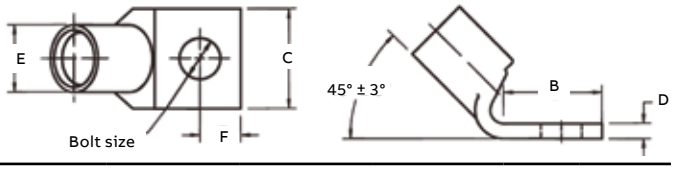
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV[ɣ] (continued)

	Wire size			Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
54162UF	3/0 AWG	2/0 AWG, 150 Navy	¼	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange
54163UF	3/0 AWG	2/0 Weld, 325/24	5/16	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54111UF	3/0 AWG	133/0.0316, 259/0.0227 427/0.0177	⅜	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54165UF	3/0 AWG		½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	
58147UF*	–	375/24	¼	0.78 (19.8)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.34 (8.6)	50	
58148UF*	–		5/16	0.78 (19.8)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.34 (8.6)	50	
58149UF*	–		⅜	0.81 (20.6)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.38 (9.7)	50	
58151UF*	–		½	1.06 (26.9)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.50 (12.7)	50	
54167UF	4/0 AWG	3/0 AWG	¼	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54168UF	4/0 AWG	200 Navy, 3/0 Weld 450/24	5/16	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54112UF	4/0 AWG	703/0.0154	⅜	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54170UF	4/0 AWG		½	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	
58161UF	–	4/0 AWG, 4/0 Weld	¼	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow
58162UF	–	550/24	5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58163UF	–	133/0.0399 259/0.0286	⅜	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58165UF	–	637/0.0183	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62	
58166UF	–		⅝	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.63 (16.0)	62	
54172UF	250 kcmil	4/0 AWG	¼	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	
54173UF	250 kcmil	250 Navy 550/24	5/16	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54174UF	250 kcmil		⅜	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54113UF	250 kcmil		½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	
58168UF	–	250 Weld, 650/24 259/0.0311, 703/0.0189	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54178UF	300 kcmil	250 kcmil	5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54179UF	300 kcmil	300 Navy 650/24	⅜	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54114UF	300 kcmil		½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	
54181UF	300 kcmil		⅝	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.63 (16.0)	66	

Diagrams



* Not CSA approved.
ɣ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

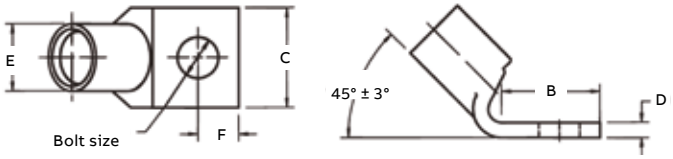
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV[v] (continued)

	Wire size			Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
58171UF	–	300 kcmil, 300 Weld 259/0.034, 427/0.0265 889/0.0183 775/24 = 313 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
256-30695-112UF	350 kcmil	650/24 350 Navy 262 kcmil	⅜	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	
54115UF	350 kcmil		½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	
54183UF	350 kcmil		⅝	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	71	
58174UF	–	350 Weld 259/0.0368, 427/0.0285 703/0.0224, 889/0.0201	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue
54116UF	400 kcmil	300 kcmil, 400 Navy 775/24, 313 kmcil	½	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	
54185UF	400 kcmil		⅝	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76	
256-30695-1403UF	–	350 kcmil, 400 Weld 925/24 = 373 kcmil	⅜	1.31 (28.7)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80	–
58177UF	–		½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	
54118UF	500 kcmil	925/24 500 Navy 400 kcmil	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
58187UF	500 kcmil		⅝	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	
58180UF	–	1,100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	⅝	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
58120UF	600 kcmil	1,110/24 = 444 kcmil	⅝	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	
54122UF	700 kcmil	1325/24 = 500 kcmil	⅝	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.50 (12.7)	99	Pink
256-30695-840UF	–	1,325/24 = 535 kcmil 427/0.0342	½	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.81 (20.6)	99	
58182UF	–		⅝	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99	
54123UF	750 kcmil	1,325/24 = 535 kcmil	⅝	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58184UF	–	1,600/24 = 646 kcmil	⅝	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
54124UF	800 kcmil	800 Navy	⅝	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange
54126UF	900 kcmil	1,925/24 = 777 kcmil	⅝	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54128UF	1,000 kcmil	1,000 Navy	⅝	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–

Diagrams



[v] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

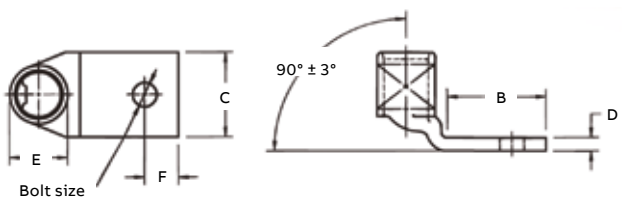
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV¥

	Wire size			Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
54104UB	#8 AWG	#8 Str.	#10	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130UB	#8 AWG	23 Navy	¼	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)	21	
54131UB	#8 AWG	#8 Weld	5/16	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54132UB	#8 AWG	37/24 0.180	⅜	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54134UB	#6 AWG	#6 AWG, 30 Navy	#10	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	Blue
54105UB	#6 AWG	#6 Weld	¼	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	
54135UB	#6 AWG	61/24 133/0.014	5/16	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54136UB	#6 AWG	0.227	⅜	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54138UB	#4 AWG	#5 AWG,	#10	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54106UB	#4 AWG	40/50 Navy	¼	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54139UB	#4 AWG	91/24 133/0.0177	5/16	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
54140UB	#4 AWG	49/0.029	⅜	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
256-30695-264UB	#4 AWG	0.265	½	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)	29	
54107UB	#2 AWG	#3 AWG	¼	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142UB	#2 AWG	60 Navy	5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54143UB	#2 AWG	125/24 #4 Weld	⅜	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54145UB	#2 AWG	0.300	½	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	33	
54108UB	#1 AWG	#2 AWG, 75 Navy, #2	¼	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147UB	#1 AWG	Weld 150/24	5/16	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54148UB	#1 AWG	175/24 133/0.0223	⅜	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54150UB	#1 AWG	0.360	½	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	37	
54152UB	1/0 AWG	#1 AWG	¼	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54153UB	1/0 AWG	100 Navy, #1 Weld	5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54109UB	1/0 AWG	225/24 133/0.0254	⅜	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54155UB	1/0 AWG	0.389	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
54157UB	2/0 AWG	1/0 AWG, 125 Navy	¼	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black
54158UB	2/0 AWG	1/0 Weld	5/16	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54110UB	2/0 AWG	275/24 427/0.0155,	⅜	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54160UB	2/0 AWG	133/0.0282	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	
54162UB	3/0 AWG	2/0 AWG, 150 Navy,	¼	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange
54163UB	3/0 AWG	2/0 Weld	5/16	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54111UB	3/0 AWG	325/24 133/0.0316,	⅜	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54165UB	3/0 AWG	259/0.0227 427/0.0177	½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	

Diagrams



¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

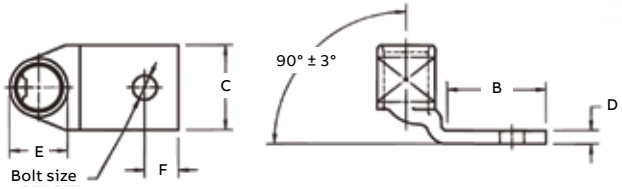
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
54167UB	–	3/0 AWG, 200 Navy, 3/0 Weld 450/24 703/0.0154	¼	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.34 (8.6)	54	Purple
54168UB	–		5/16	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.34 (8.6)	54	
54112UB	–		⅜	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54170UB	–		½	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	
58161UB	4/0 AWG	3/0 AWG, 4/0 Weld 550/24 133/0.0399 259/0.0286 637/0.0183	¼	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow
58162UB	4/0 AWG		5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58163UB	4/0 AWG		⅜	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58165UB	4/0 AWG		½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62	
58166UB	4/0 AWG		⅝	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.63 (16.0)	62	
54172UB	250 kcmil	4/0 AWG 250 Navy 550/24	¼	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	
54173UB	250 kcmil		5/16	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54174UB	250 kcmil		⅜	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54113UB	250 kcmil		½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	
58168UB	–	250 Weld 650/24 = 262 kcmil 259/0.0311, 703/0.0189	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54178UB	300 kcmil	250 kcmil 300 Navy 650/24	5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54179UB	300 kcmil		⅜	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54114UB	300 kcmil		½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	
54181UB	300 kcmil		⅝	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.63 (16.0)	66	
58171UB	–	300 Weld, 259/0.034 427/0.0265, 889/0.0183 775/24 = 313 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
256-30695-112UB	350 kcmil	650/24, 350 Navy 262 kcmil	⅜	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	
54115UB	350 kcmil		½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	
54183UB	350 kcmil		⅝	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	71	
58174UB	–	350 Weld 259/0.0368, 427/0.0285 703/0.0224, 889/0.0201	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue
54116UB	400 kcmil	300 kcmil, 400 Navy 775/24, 313 kcmil	½	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	
54185UB	400 kcmil		⅝	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

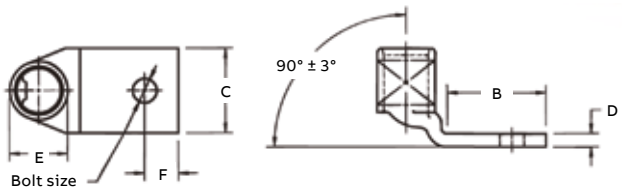
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
256-30695-1403UB	–	400 Weld	⅜	1.31 (33.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80	–
58177UB	–	925/24 = 373 kcmil 259/0.0393, 427/0.0306	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	
54118UB	500 kcmil	400 kcmil, 500 Navy 925/24	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54187UB	500 kcmil		⅝	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	
58180UB	–	1,100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	⅝	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54120UB	600 kcmil	1100/24 = 444 kcmil	⅝	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	
54122UB	700 kcmil	1,325/24, 535 kcmil 500 AWG, 550/535	⅝	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.50 (12.7)	99	Pink
256-30695-840UB	–	1,325/24 = 535 kcmil 427/0.0342	½	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99	
58182UB	–		⅝	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99	
54123UB	750 kcmil	–	⅝	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58184UB	–	1,600/24 = 646 kcmil	⅝	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
54124UB	800 kcmil	800 Navy	⅝	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange
54126UB	900 kcmil	1,925/24 = 777 kcmil	⅝	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54128UB	1,000 kcmil	1,000 Navy	⅝	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–

Diagrams



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For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

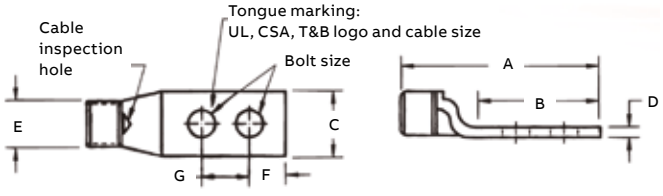
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	G	Die code	Colour code
54201	#14–10 AWG	–	¼	1.86 (47.2)	1.19 (30.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG2002	Yellow
256-30695-1302	#14–10 AWG		⅜	2.48 (63.0)	1.81 (46.0)	0.56 (14.2)	0.04 (1.0)	0.22 (5.6)	0.38 (9.7)	1.00 (25.4)	ERG2002	
54204	#8 AWG	#8 AWG, 23 Navy #8 Weld 37/24	#10	1.88 (47.8)	1.18 (30.0)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
256-31426-33*	#8 AWG		#10	1.88 (47.8)	1.18 (30.0)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.75 (19.0)	21	
256-31426-33PH	#8 AWG		#10	1.88 (47.8)	1.18 (30.0)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.75 (19.0)	21	
542040410	#8 AWG		¼	2.01 (51.1)	1.31 (33.3)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	
542040416	#8 AWG		¼	2.38 (60.5)	1.68 (42.7)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	1.00 (25.4)	21	
256-30695-1094	#8 AWG		¼	2.50 (63.5)	1.81 (46.0)	0.56 (14.22)	0.05 (1.3)	0.26 (6.6)	0.25 (6.4)	0.75 (19.0)	21	
256-30695-251	#8 AWG		⅜	2.50 (63.5)	1.81 (46.0)	0.56 (14.22)	0.05 (1.3)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
256-30695-1070	#6 AWG	#6 AWG, 30 Navy #6 Weld 61/24 133/0.014	#12	1.81 (46.0)	1.19 (30.2)	0.44 (11.2)	0.11 (2.8)	0.30 (7.6)	0.25 (6.4)	0.50 – 0.63 (12.7 – 16.0)	24	Blue
256-30695-1153	#6 AWG		#10	1.98 (50.3)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.50 (12.7)	24	
256-30695-1183	#6 AWG		#10	1.98 (50.3)	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.22 (5.6)	0.63 – 0.75 (16.0 – 19.0)	24	
54205	#6 AWG		¼	1.98 (50.3)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
256-30695-1095	#6 AWG		¼	2.13 (54.1)	1.31 (33.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.0)	24	
256-30695-252	#6 AWG		¼	2.38 (60.5)	1.63 (41.4)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
256-30695-372	#6 AWG		¼	2.13 (54.1)	1.43 (36.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.0)	24	
256-30695-913	#6 AWG		¼	2.38 (60.5)	1.75 (44.5)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
256-30695-253	#6 AWG		⅜	2.58 (65.3)	1.81 (45.9)	0.55 (14.0)	0.08 (2.0)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	
54206	#4 AWG	#5 AWG 40-50 Navy 91/24 133/0.0177 49/0.029	¼	2.03 (51.6)	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
256-30695-1184	#4 AWG		5/16	2.31 (58.7)	1.63 (41.4)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.31 (7.9)	1.00 (25.4)	29	
256-30695-255	#4 AWG		⅜	2.56 (65.0)	1.81 (45.9)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54207	#2 AWG	#3 AWG 60 Navy 125/24, #4 Weld	¼	2.13 (54.1)	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
256-30695-1355	#2 AWG		¼	2.15 (54.6)	1.31 (33.3)	0.59 (15.0)	0.13 (3.3)	0.41 (10.4)	0.25 (6.4)	0.75 (19.0)	33	
256-30695-1185	#2 AWG		¼	2.38 (60.5)	1.53 (38.9)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)	33	
256-30695-257	#2 AWG		⅜	2.67 (67.8)	1.81 (45.9)	0.60 (15.2)	0.10 (2.5)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
256-30695-1049	#2 AWG		½	3.75 (95.3)	2.88 (73.2)	0.75 (19.1)	0.09 (2.3)	0.41 (10.4)	0.31 (7.9)	1.75 (44.5)	33	
54208	#1 AWG	#2 AWG, 75 Navy 150/24 175/24 133/0.0223	¼	2.13 (54.1)	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
256-30695-1233	#1 AWG		5/16	2.69 (68.3)	1.62 (41.2)	0.69 (17.5)	0.13 (3.3)	0.47 (11.9)	0.34 (8.6)	1.00 (25.4)	37	
256-30695-1236	#1 AWG		⅜	2.75 (69.9)	1.81 (45.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	

Diagrams



* Blind end
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For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

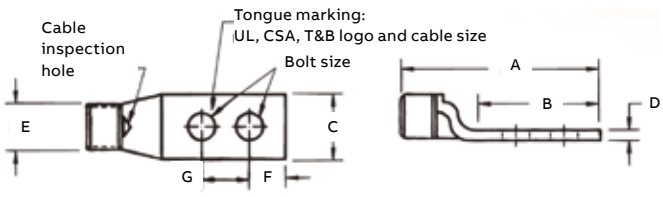
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	G	Die code	Colour code
256-30695-329	1/0 AWG	#1 AWG	¼	2.75 (69.9)	1.81 (45.9)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.75 (19.4)	42	Pink
54255	1/0 AWG	100 Navy, #1 Weld 225/24 133/0.0254	5/16	2.56 (65.0)	1.56 (39.6)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	
256-30695-1234	1/0 AWG		5/16	2.75 (69.9)	1.78 (45.2)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.33 (8.4)	1.00 (25.4)	42	
54209	1/0 AWG		⅜	2.88 (73.2)	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
256-30695-1265	1/0 AWG		⅜	3.50 (89.0)	2.57 (65.3)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	1.75 (44.5)	42	
256-30695-886	1/0 AWG		½	3.78 (96.0)	2.83 (71.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.5 (12.7)	1.75 (44.5)	42	
256-30695-1175	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 133/0.0282	¼	2.45 (6.2)	1.44 (36.6)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.25 (6.4)	0.75 (19.0)	45	Black
54261	2/0 AWG		5/16	2.70 (68.6)	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.33 (8.4)	0.88 (22.4)	45	
256-30695-832	2/0 AWG		5/16	2.88 (73.2)	1.81 (45.9)	0.81 (20.6)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54210	2/0 AWG		⅜	2.93 (74.4)	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54260	2/0 AWG		½	3.83 (97.3)	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)	45	
54266	3/0 AWG	150 Navy, 2/0 Weld 2/0 AWG, 325/24 133/0.0316 259/0.0227 427/0.0177	5/16	2.88 (73.2)	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.33 (8.4)	1.00 (25.4)	50	Orange
54211	3/0 AWG		⅜	2.94 (74.7)	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54265	3/0 AWG		½	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50	
54212	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld 450/24 = 182 kcmil 703/0.0154	⅜	3.18 (80.8)	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54270	4/0 AWG		½	4.25 (108.0)	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
256-30695-1247	4/0 AWG		¼	3.06 (77.7)	1.44 (36.6)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.38 (9.7)	0.63 (16.0)	54	
256-30695-331	4/0 AWG		¼	3.06 (77.7)	1.81 (46.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	0.75 (19.1)	54	
256-30695-1261	4/0 AWG		5/16	3.18 (80.8)	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
54213	250 kcmil	4/0 AWG 250 Navy	⅜	3.28 (83.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275	250 kcmil		½	4.19 (106.4)	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	
256-30695-345	–	4/0 AWG, 4/0 Weld 550/24 = 222 kcmil 133/0.0399 259/0.0286 637/0.018	⅜	3.25 (82.6)	1.69 (42.9)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)	62	
256-30695-835	–		⅜	4.25 (108.0)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62	
256-30695-452	–		⅜	3.13 (79.5)	1.88 (47.8)	1.25 (31.8)	0.16 (4.1)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)	62	
58265	–		½	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.50 (12.7)	1.75 (44.5)	62	
54214	300 kcmil	250 AWG, 300 Navy 650/24 = 262 kcmil	⅜	3.45 (87.6)	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54280	300 kcmil		½	4.45 (113.0)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
256-30695-332	350 kcmil	350 Navy	¼	3.40 (86.4)	1.81 (46.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	0.75 (19.1)	71	Red
256-30695-1240	350 kcmil		5/16	4.18 (106.2)	2.63 (66.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.75 (44.5)	71	
54215	350 kcmil		⅜	3.51 (89.2)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
54282	350 kcmil		½	4.60 (116.8)	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

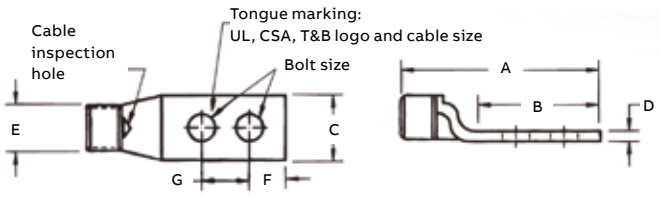
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	G	Die code	Colour code
54216	400 kcmil	300 kcmil, 313 kcmil 775/24	⅜	3.93 (99.8)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76	Blue
54283	400 kcmil		⅜	3.88 (98.6)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	
256-30695-439	–	400 Weld 925/24 = 373 kcmil 259/0.0393 427/0.0306	⅜	4.35 (110.5)	2.25 (57.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–
58277	–		½	5.06 (128.5)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.75 (44.5)	80	
256-30695-839	–		⅜	4.09 (103.9)	2.06 (52.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	
54218	500 kcmil	400 kcmil 500 Navy	⅜	3.96 (100.6)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	Brown
54286	500 kcmil		½	5.07 (128.8)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	
256-30695-188	500 kcmil		½	4.06 (103.1)	2.31 (58.7)	1.63 (41.4)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.25 (31.8)	87	
54220	600 kcmil	–	⅜	4.13 (104.9)	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green
54289	600 kcmil		½	5.23 (132.8)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	
256-30695-1406	700 kcmil	550/535 1,325/24 500 AWG	⅜	4.05 (102.9)	2.11 (53.6)	1.78 (45.2)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	99	Pink
256-30695-842	700 kcmil		⅜	4.30 (109.2)	2.06 (52.3)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	99	
256-30695-898	700 kcmil		⅜	4.30 (109.2)	2.06 (52.3)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	99	
54291	700 kcmil		½	5.18 (131.6)	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	
58281	700 kcmil	1,325/24 = 535 kcmil	½	5.23 (132.8)	3.00 (76.2)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	
256-30695-237	750 kcmil	–	⅜	5.10 (129.5)	2.80 (71.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.00 (25.4)	106	Black
54223	750 kcmil		½	5.32 (135.1)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
256-30695-1376	800 kcmil	–	⅜	4.78 (121.4)	2.28 (57.9)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.44 (11.2)	1.13 (28.7)	107	Orange
54224	800 kcmil		½	5.50 (139.7)	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)	107	
256-30695-694	900 kcmil	1,925/24 = 777 kcmil	⅜	4.65 (118.1)	2.06 (52.3)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.00 (25.4)	115	Yellow
54226	900 kcmil		½	5.59 (142.0)	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	
256-30695-846	900 kcmil		⅜	4.60 (116.8)	2.06 (52.3)	2.12 (53.9)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.00 (25.4)	115	
256-30695-844	900 kcmil		⅝	5.00 (127.0)	2.63 (66.8)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.56 (14.2)	1.50 (38.1)	115	
54228	1,000 kcmil	1,000 Navy	½	5.45 (138.4)	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	–

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

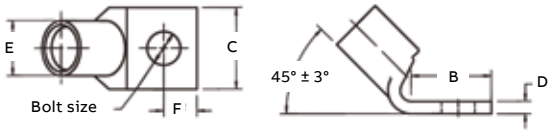
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
256-31426-9	#14–10 AWG	–	#10	1.22 (31.0)	0.37 (9.4)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	–	–
54204UF	#8 AWG	#8 AWG, 23 Navy #8 Weld, 37/24	#10	1.18 (30.0)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
256-30695-1183UF	#6 AWG	#6 AWG, 30 Navy #6 Weld 61/24 133/0.014	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)	24	Blue
54205UF	#6 AWG		¼	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
54205UF0416	#6 AWG		¼	1.56 (39.6)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
54206UF	#4 AWG	#5 AWG 40-50 Navy, 91/24 133/0.0177 49/0.029	¼	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54207UF	#2 AWG	#3 AWG 60 Navy, #4 Weld 125/24	¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
256-30695-257UF	#2 AWG		⅜	1.81 (46.0)	0.60 (15.2)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
54208UF	#1 AWG	#2 AWG, 75 Navy 150/24, 175/24 133/0.0223	¼	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54209UF	1/0 AWG	#1 AWG 100 Navy, #1 Weld 225/24 133/0.0254	⅜	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54209UF0412	1/0 AWG		¼	1.55 (39.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54261UF	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 133/0.0282	5/16	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.33 (8.4)	0.88 (22.4)	45	Black
54210UF	2/0 AWG		⅜	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54260UF	2/0 AWG		½	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)	45	
54266UF	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24 133/0.0316 259/0.0227 427/0.0177	5/16	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.33 (8.4)	1.00 (25.4)	50	Orange
54211UF	3/0 AWG		⅜	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54265UF	3/0 AWG		½	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.25 (6.4)	1.75 (44.5)	50	
54212UF	4/0 AWG	200 Navy, 3/0 AWG 3/0 Weld 450/24, 703/0.0154	⅜	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54270UF	4/0 AWG		½	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	1.75 (44.5)	54	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

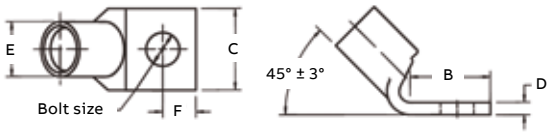
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV[v] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
54213UF	250 kcmil	4/0 AWG, 250 Navy 550/24	⅜	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275UF	250 kcmil		½	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.25 (6.4)	1.75 (44.5)	62	
256-30695-399UF	–	4/0 Weld, 550/24 133/0.0399	⅜	2.80 (71.1)	1.25 (31.2)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62	
58265UF	–	259/0.0286 637/0.018	½	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.25 (6.4)	1.75 (44.5)	62	
54214UF	300 kcmil	250 AWG, 300 Navy 650/24 = 262 kcmil	⅜	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54280UF	300 kcmil		½	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
54215UF	350 kcmil	350 Navy 650/24 = 262 kcmil	⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	Red
54282UF	350 kcmil		½	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71	
54216UF	400 kcmil	300 kcmil, 713 kcmil 775/24	⅜	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue
54283UF	400 kcmil		⅜	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.75 (44.5)	76	
54277UF	–	400 Weld 925/24 = 373 kcmil 259/0.0393 427/0.0306	½	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–
54218UF	500 kcmil	400 kcmil, 500 Navy 925/24 = 373 kcmil	⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown
54286UF	500 kcmil		½	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.00 (25.4)	87	
54220UF	600 kcmil	1,100/24 = 444 kcmil	⅜	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.75 (44.5)	94	Green
54289UF	600 kcmil		½	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	
54291UF	700 kcmil	500 AWG 1,325/24 = 535 kcmil	½	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54281UF	700 kcmil		½	3.00 (76.2)	1.84 (46.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	
256-30695-237UF	750 kcmil	–	⅜	2.80 (71.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.00 (25.4)	106	Black
54223UF	750 kcmil		½	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
54224UF	800 kcmil	–	½	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)	106	
54226UF	900 kcmil	1,925/24 = 777 kcmil	½	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54228UF	1,000 kcmil	1,000 Navy	½	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	–

Diagrams



[v] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

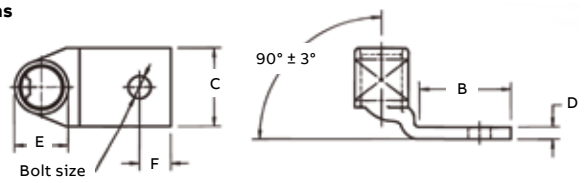
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV¥

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
256-31426-141	#14–10 AWG	–	#10	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 (16.0)	ERG2002	Yellow
256-31426-6SPH	#14–10 AWG		#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)	ERG2002	
256-31426-6	#14–10 AWG		#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 (16.0)	ERG2002	
256-31426-6S	#14–10 AWG		#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)	ERG2002	
256-30695-1409	#8 AWG	#8 AWG 23 Navy #8 Weld 37/24	#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)	21	Red
54204UB	#8 AWG		#10	1.25 (31.8)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	
256-31426-33UB*	#8 AWG		#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 (16.0)	21	
256-31426-33UBPH	#8 AWG		#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)	21	
256-30695-1411	#6 AWG	#6 AWG 30 Navy #6 Weld 133/0.014 61/24	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)	24	Blue
256-30695-1183B	#6 AWG		#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)	24	
256-30695-1356	#6 AWG		#10	1.19 (30.2)	0.43 (10.1)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 (16.0)	24	
54205UB	#6 AWG		¼	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
256-30695-252UB	#6 AWG		¼	1.56 (39.6)	0.43 (10.1)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
54206UB	#4 AWG	#5 AWG 40-50 Navy, 91/24 133/0.0177 49/0.029	¼	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54207UB	#2 AWG	#3 AWG, 60 Navy #4 Weld, 125/24	¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
54208UB	#1 AWG	#2 AWG, 75 Navy 150/24, 133/0.0223	¼	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54209UB	1/0 AWG	1 AWG, 100 Navy, #1 Weld, 225/24 133/0.0254	⅜	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54209UB0412	1/0 AWG		¼	1.55 (39.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54261UB	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld, 275/24 133/0.0282	5/16	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.34 (8.6)	0.88 (22.4)	45	Black
54210UB	2/0 AWG		⅜	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54260UB	2/0 AWG		½	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)	45	

Diagrams



* Blind end
¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

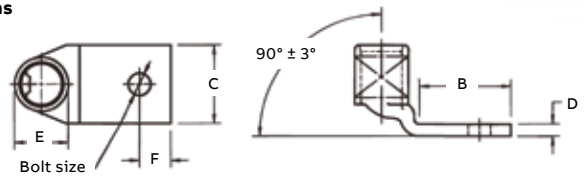
Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
54266UB	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24 133/0.0316 259/0.0227 427/0.0177	5/16	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.34 (8.6)	1.00 (25.4)	50	Orange
54211UB	3/0 AWG		3/8	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54265UB	3/0 AWG		1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.75 (44.5)	50	
54212UB	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld, 450/24 703/0.0154	3/8	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54270UB	4/0 AWG		1/2	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
54213UB	250 kcmil	4/0 AWG, 250 Navy 550/24	3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275UB	250 kcmil		1/2	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	
256-30595-399UB	–	4/0 AWG, 4/0 Weld 550/24 133/0.0399 259/0.0286 637/0.018	3/8	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62	
58265UB	–		1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.50 (12.7)	1.75 (44.5)	62	
54214UB	300 kcmil	250 AWG, 300 Navy 650/24 = 262 kcmil	3/8	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54280UB	300 kcmil		1/2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
54215UB	350 kcmil	350 Navy 650/24 = 262 kcmil	3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	Red
54282UB	350 kcmil		1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71	
54216UB	400 kcmil	300/313 kcmil 775/24	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue
54283UB	400 kcmil		3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.75 (44.5)	76	
54277UB	–	400 Weld, 925/24 373 kcmil 259/0.0393 427/0.0306	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–
54218UB	500 kcmil	400 kcmil 500 Navy 925/24 = 373 kcmil	3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown
54286UB	500 kcmil		1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	
256-30695-1221B	500 kcmil		3/8		1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
54220UB	600 kcmil	1,100/24, 444 kcmil	3/8	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.75 (44.5)	94	Green
54289UB	600 kcmil		1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	
54291UB	700 kcmil	1,325/24, 535 kcmil	1/2	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54281UB	700 kcmil		1/2	3.00 (76.2)	1.84 (46.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	
54223UB	750 kcmil	–	1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	Black
54224UB	800 kcmil		1/2	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)	106	
54226UB	900 kcmil	1,925/24, 777 kcmil	1/2	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54228UB	1,000 kcmil	1,000 Navy	1/2	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	–

Diagrams



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For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

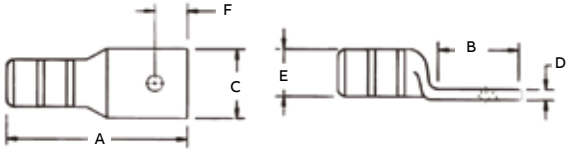
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
54901BE	#14–10 AWG	–	¼	1.23 (31.2)	0.56 (14.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	–
54929BE	#8 AWG	#8 AWG 37/24	#10	1.65 (41.9)	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BE	#8 AWG		¼	1.65 (41.9)	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	
54904BE	#6 AWG	#6 AWG 61/24	#10	1.65 (41.9)	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BE	#6 AWG		¼	1.65 (41.9)	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	
54908BE	#4 AWG	#5 AWG 91/24	#10	1.70 (43.2)	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54906BE	#4 AWG		¼	1.70 (43.2)	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	
54933BE	#2–3 AWG	#3 AWG 125/24	#10	1.88 (47.8)	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BE	#2–3 AWG		5/16	2.03 (51.6)	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54945BE	#1 AWG	#2 AWG 150/24	#10	1.95 (49.5)	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BE	#1 AWG		5/16	2.18 (55.4)	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54946BE	1/0 AWG	#1 AWG 225/24	#10	1.95 (49.5)	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BE	1/0 AWG		5/16	2.18 (55.4)	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54909BE	1/0 AWG		⅜	2.23 (56.6)	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54950BE	1/0 AWG		½	2.55 (64.8)	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
54910BE	2/0 AWG	1/0 AWG 275/24	⅜	2.28 (57.9)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BE	2/0 AWG		½	2.60 (66.4)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	
54965BE	3/0 AWG	2/0 AWG, 325/24	½	2.70 (68.6)	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
256-30695-1252	4/0 AWG	3/0 AWG, 3/0 Weld 450/24	¼	2.35 (59.7)	0.65 (16.5)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.75 (19.1)	54	Purple
256-30695-1253	4/0 AWG		⅜	2.95 (74.9)	1.25 (31.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54970BE	4/0 AWG		½	2.95 (74.9)	1.25 (31.8)	1.03 (33.0)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	54	
54913BE	250 kcmil	4/0 AWG, 4/0 Weld 550/24	½	3.15 (80.1)	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.85 (21.6)	0.50 (12.7)	62	Yellow
54914BE	300 kcmil	250 kcmil 650/24 = 262 kcmil	½	3.50 (88.9)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.93 (23.6)	0.50 (12.7)	66	White
54915BE	350 kcmil	–	½	3.68 (93.5)	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.96 (24.4)	0.50 (12.7)	71	Red
54916BE	400 kcmil	775/24 = 300/313 kcmil	½	3.75 (95.3)	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BE	400 kcmil		⅝	4.03 (102.4)	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	1.10 (27.9)	0.63 (16.0)	76	
54918BE	500 kcmil	400 kcmil 925/24 = 373 kcmil	½	4.25 (108.0)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BE	500 kcmil		⅝	4.57 (116.8)	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.20 (30.5)	0.63 (16.0)	87	
54921BE	600 kcmil	1,100/24 = 444 kcmil	½	4.10 (104.1)	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BE	600 kcmil		⅝	4.39 (111.6)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	
54979BE	–	1,325/24 = 535 kcmil	½	4.40 (111.8)	1.25 (31.8)	1.80 (45.7)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	99	Pink

Diagrams



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For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

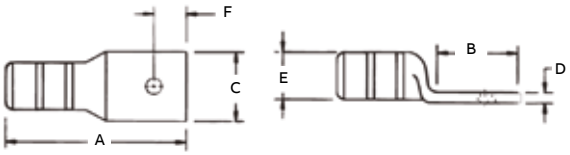
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
54922BE	750 kcmil	1,325/24 = 535 kcmil	½	4.40 (111.8)	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BE	–	1,325/24 = 535 kcmil	⅝	4.72 (119.9)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58984BE	–	1,600/24 = 646 kcmil	⅝	4.73 (120.1)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58926BE	900 kcmil	1,925/24 = 777 kcmil	⅝	5.23 (132.8)	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BE	1,000 kcmil	–	⅝	5.24 (134.0)	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–
256-30695-918	1,000 kcmil	–	⅞	5.42 (137.7)	1.82 (46.2)	2.38 (60.5)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)	125	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

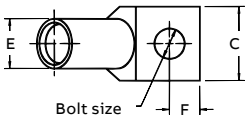
Compression connectors for copper conductors

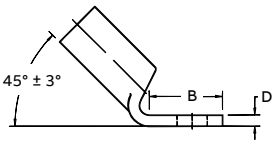
Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV[¥]

		Wire size		Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
54929BEUF	#8 AWG	37/24	#1/0	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BEUF	#8 AWG	37/24	¼	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	
54904BEUF	#6 AWG	#6 AWG, 61/24	#1/0	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BEUF	#6 AWG	#6 AWG, 61/24	¼	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	
54908BEUF	#4 AWG	#5 AWG, 91/24	#1/0	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54906BEUF	#4 AWG	#5 AWG, 91/24	¼	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	
54933BEUF	#2–3 AWG	125/24	#1/0	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BEUF	#2–3 AWG	125/24	5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.88 (22.4)	33	
54945BEUF	#1 AWG	#2 AWG, 150/24 – 175/24	#1/0	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BEUF	#1 AWG	#2 AWG, 150/24 – 175/24	5/16	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54946BEUF	1/0 AWG	#1 AWG, 225/24	#1/0	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BEUF	1/0 AWG	#1 AWG, 225/24	5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54909BEUF	1/0 AWG	#1 AWG, 225/24	3/8	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54950BEUF	1/0 AWG	#1 AWG, 225/24	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
54910BEUF	2/0 AWG	1/0 AWG, 275/24	3/8	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BEUF	2/0 AWG	1/0 AWG, 275/24	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	
54965BEUF	3/0 AWG	2/0 AWG – 325/24	½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
54970BEUF04	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	¼	1.00 (25.4)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54970BEUF06	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	3/8	1.13 (23.6)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54970BEUF	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	½	1.25 (31.8)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	
54913BEUF	250 kcmil	550/24 – 4/0 AWG, 4/0 Weld	½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow
54914BEUF	300 kcmil	250 kcmil, 650/24 = 262 kcmil	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54915BEUF	350 kcmil	650/24, 262 kcmil	½	1.25 (31.8)	1.36 (34.8)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
54916BEUF	400 kcmil	775/24, 300/313 kcmil	½	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BEUF	400 kcmil	775/24, 300/313 kcmil	5/8	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76	
54918BEUF	500 kcmil	925/24, 350/373 kcmil 400 kcmil	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BEUF	500 kcmil	925/24, 350/373 kcmil 400 kcmil	5/8	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	
54921BEUF	600 kcmil	1,100/24, 444 kcmil	½	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BEUF	600 kcmil	1,100/24, 444 kcmil	5/8	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	
54922BEUF	750 kcmil	1,325/24, 500/535 kcmil	½	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BEUF	750 kcmil	1,325/24, 500/535 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58984BEUF	–	1,600/24, 646 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58926BEUF	900 kcmil	1,925/24, 777 kcmil	5/8	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BEUF	1,000 kcmil	–	5/8	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–
54928BEUF12	1,000 kcmil	–	7/8	1.83 (46.5)	2.37 (60.2)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)	125	

Diagrams





[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

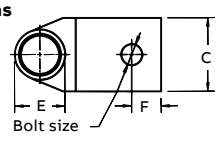
Compression connectors for copper conductors

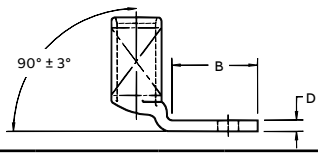
Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

One-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV[¥]

		Wire size		Dimensions in. (mm)						
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	Die code	Colour code
54929BEUB	#8 AWG	37/24	#10	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BEUB	#8 AWG	37/24	¼	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	
54904BEUB	#6 AWG	#6 AWG, 61/24	#10	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BEUB	#6 AWG	#6 AWG, 61/24	¼	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	
54908BEUB	#4 AWG	#5 AWG, 91/24	#10	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54906BEUB	#4 AWG	#5 AWG, 91/24	¼	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	
54933BEUB	#2–3 AWG	125/24	#10	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BEUB	#2–3 AWG	125/24	5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54945BEUB	#1 AWG	#2 AWG, 150/24 – 175/24	#10	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BEUB	#1 AWG	#2 AWG, 150/24 – 175/24	5/16	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54946BEUB	1/0 AWG	#1 AWG, 225/24	#10	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BEUB	1/0 AWG	#1 AWG, 225/24	5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54909BEUB	1/0 AWG	#1 AWG, 225/24	3/8	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54950BEUB	1/0 AWG	#1 AWG, 225/24	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
54910BEUB	2/0 AWG	1/0 AWG, 275/24	3/8	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BEUB	2/0 AWG	1/0 AWG, 275/24	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	
54965BEUB	3/0 AWG	2/0 AWG – 325/24	½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
54970BEUB04	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	¼	1.00 (25.4)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54970BEUB06	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	3/8	1.13 (28.7)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54970BEUB	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	½	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	
54913BEUB	250 kcmil	550/24 – 4/0 AWG, 4/0 Weld	½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow
54914BEUB	300 kcmil	250 kcmil, 650/24 = 262 kcmil	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54915BEUB	350 kcmil	650/24, 262 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
54916BEUB	400 kcmil	775/24, 300/313 kcmil	½	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BEUB	400 kcmil	775/24, 300/313 kcmil	5/8	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76	
54918BEUB	500 kcmil	925/24, 350/373 kcmil, 400 kcmil	½	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BEUB	500 kcmil	925/24, 350/373 kcmil, 400 kcmil	5/8	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	
54921BEUB	600 kcmil	1100/24, 444 kcmil	½	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BEUB	600 kcmil	1100/24, 444 kcmil	5/8	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	
54922BEUB	750 kcmil	1,325/24, 500/535 kcmil	½	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BEUB	750 kcmil	1,325/24, 500/535 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58984BEUB	–	1,600/24, 646 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
58926BEUB	900 kcmil	1,925/24, 777 kcmil	5/8	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BEUB	1,000 kcmil	–	5/8	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–
54928BEUB12	1,000 kcmil	–	7/8	1.58 (46.5)	2.37 (60.2)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)	125	

Diagrams





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For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

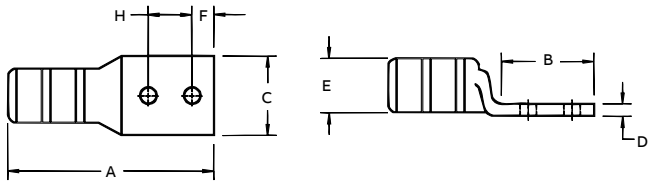
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV[ɣ]

	Wire size			Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	H	Die code	Colour code
54801BE	#14–10 AWG	–	¼	1.86 (47.2)	1.19 (30.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002	Yellow
256-31426-3	#14–10 AWG		#10	2.00 (50.8)	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002	
256-31426-3SPH	#14–10 AWG		#10	2.00 (50.8)	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)	ERG4002	
256-30695-1298	#14–10 AWG		¼	1.89 (48.0)	1.22 (31.0)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002	
256-30695-1730	#14–10 AWG		¼	1.98 (50.3)	1.31 (33.3)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 – 0.75 (16.0) – (19.1)	ERG4002	
54850BE	#8 AWG	#8 AWG, #8 Weld 37/24	¼	2.19 (55.6)	1.89 (48.0)	0.42 (10.7)	0.07 (1.78)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BE	#8 AWG		¼	2.31 (58.7)	1.29 (32.8)	0.47 (11.9)	0.06 (1.52)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	
256-30695-1157	#8 AWG		⅜	3.00 (76.2)	2.10 (53.3)	0.56 (14.2)	0.06 (1.52)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
54852BE	#6 AWG	#6 AWG, 61/24, #6 Weld	¼	2.28 (57.9)	1.28 (32.5)	0.44 (11.1)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
256-30695-1014	#6 AWG		¼	2.63 (66.8)	1.63 (41.4)	0.43 (10.9)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
256-30695-1225	#6 AWG		¼	2.43 (61.7)	1.43 (36.3)	0.43 (10.9)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24	
256-30695-1158	#6 AWG		⅜	2.93 (74.4)	1.93 (49.0)	0.59 (14.9)	0.06 (1.52)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	
256-30695-868	#6 AWG		½	4.18 (106.2)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)	24	
54854BE	#4 AWG	91/24, #5 AWG, #4 Weld	¼	2.31 (58.7)	1.19 (30.2)	0.52 (13.1)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
256-30695-1246	#4 AWG		¼	2.31 (54.1)	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29	
256-30695-1015	#4 AWG		¼	2.88 (73.2)	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
256-30695-1337	#4 AWG		5/16	2.75 (69.9)	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.34 (8.4)	1.00 (25.4)	29	
256-30695-1159	#4 AWG		⅜	3.13 (79.5)	1.98 (50.3)	0.59 (14.9)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
256-30695-733	#4 AWG		½	4.18 (106.2)	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)	29	
256-30695-1016*	#2–3 AWG	#3 AWG, 125/24	¼	3.06 (77.7)	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BE	#2–3 AWG		¼	2.43 (61.7)	1.28 (32.5)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	0.63 (16.0)	33	
256-30695-1300	#2–3 AWG		¼	2.63 (66.8)	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	
54856BE	#2–3 AWG		5/16	2.78 (70.6)	1.63 (41.4)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33	
54810BE	#2–3 AWG		⅜	3.80 (96.5)	2.57 (65.3)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)	33	
256-30695-1160	#2–3 AWG		⅜	3.08 (78.2)	1.94 (49.3)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
256-30695-869	#2–3 AWG		½	4.02 (102.1)	2.88 (73.2)	0.25 (6.4)	0.75 (19.1)	0.41 (10.4)	0.63 (16.0)	1.75 (44.5)	33	
54811BE	#2–3 AWG		½	4.28 (108.7)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)	33	
54809BE	#1 AWG	#2 AWG 150/24 175/24 #2 Weld	¼	2.88 (73.2)	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BE	#1 AWG		¼	2.75 (69.9)	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37	
54858BE	#1 AWG		5/16	2.94 (75.4)	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)	37	
256-30695-1161	#1 AWG		⅜	3.30 (83.8)	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	
54857BE	#1 AWG		½	4.43 (112.5)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37	

Diagrams



* CSA not applicable
[ɣ] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

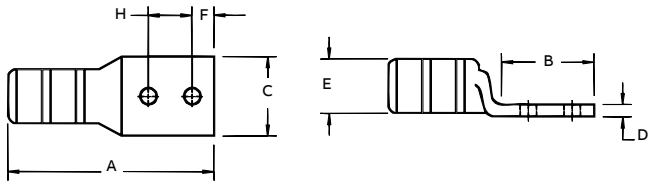
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

		Wire size		Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	H	Die code	Colour code
256-30695-1018	1/0 AWG	#1 AWG, 225/24	¼	3.63 (92.2)	1.88 (47.8)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
256-30695-1018P	1/0 AWG		¼	3.63 (92.2)	1.88 (47.8)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54859BE	1/0 AWG		¼	2.63 (66.8)	1.19 (30.2)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	42	
54813BE	1/0 AWG		¼	2.71 (68.8)	1.38 (35.1)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54860BE	1/0 AWG		5/16	2.97 (75.4)	1.63 (41.4)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	0.88 (22.4)	42	
256-30695-1162P	1/0 AWG		⅜	3.25 (82.3)	1.98 (50.3)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
256-30695-1162	1/0 AWG		⅜	3.23 (82.0)	1.93 (49.0)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
256-30695-593	1/0 AWG		½	4.33 (110.0)	3.00 (76.2)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	1.75 (44.5)	42	
54814BE	2/0 AWG	1/0 AWG, 1/0 Weld 275/24	¼	2.62 (66.5)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
256-30695-1299	2/0 AWG		¼	2.69 (68.3)	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45	
256-30695-1116	2/0 AWG		⅜	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
256-30695-1116P	2/0 AWG		⅜	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BE	2/0 AWG		½	4.20 (106.7)	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	45	
54815BE	3/0 AWG	2/0 AWG, 2/0 Weld 325/24	¼	2.89 (73.4)	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange
54816BE	3/0 AWG		⅜	3.25 (82.6)	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54864BE	3/0 AWG		½	4.48 (113.8)	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50	
54817BE	4/0 AWG	3/0 AWG, 3/0 Weld 450/24	¼	3.15 (80.0)	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple
54818BE	4/0 AWG		⅜	4.38 (111.3)	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54	
256-30695-1117	4/0 AWG		⅜	3.35 (85.1)	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
256-30695-1117P	4/0 AWG		⅜	3.50 (88.9)	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
54866BE	4/0 AWG		½	4.70 (119.4)	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
256-30695-1245	250 kcmil	4/0 AWG, 4/0 Weld 550/24	⅜	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
256-30695-1245P	250 kcmil		⅜	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	
54868BE	250 kcmil		½	4.92 (125.0)	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	
54819BE	300 kcmil	250 kcmil 650/24 = 262 kcmil	⅜	5.04 (137.2)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54870BE	300 kcmil		½	5.23 (132.8)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
54820BE	350 kcmil	–	¼	4.29 (109.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	1.75 (44.5)	71	Red
256-30695-1118	350 kcmil		⅜	4.33 (110.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
256-30695-1118P	350 kcmil		⅜	4.33 (110.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
54872BE	350 kcmil		½	5.40 (137.2)	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

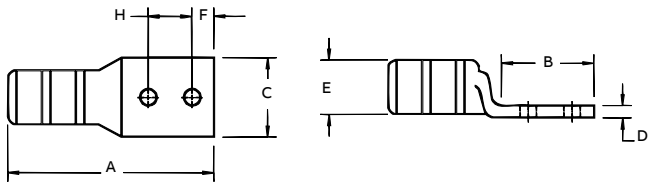
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	H	Die code	Colour code
54822BE	400 kcmil	300 kcmil	¼	4.38 (111.3)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue
54821BE	400 kcmil	775/24, 313 kcmil	⅜	4.43 (112.5)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76	
54874BE	400 kcmil		½	5.51 (140.0)	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	1.75 (44.5)	76	
54823BE	500 kcmil	400 kcmil	¼	4.93 (125.2)	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown
256-30695-1119	500 kcmil	925/24 350/373 kcmil	⅜	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
256-30695-1119P	500 kcmil		⅜	5.00 (127.0	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
54876BE	500 kcmil		½	6.00 (152.4)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	
54824BE	600 kcmil	1100/24, 444 kcmil	⅜	5.70 (144.8)	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green
54878BE	600 kcmil		½	5.83 (148.1)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	
54879BE	700 kcmil	1,325/24, 535 kcmil	½	5.83 (148.1)	3.00 (76.2)	1.80 (45.7)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
256-30695-1222	750 kcmil	1325/24, 535 kcmil	⅜	5.25 (133.4)	2.06 (52.3)	1.94 (49.3)	0.27 (6.7)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	Black
256-30695-1222P	750 kcmil		⅜	5.25 (133.4)	2.06 (52.3)	1.94 (49.3)	0.27 (6.7)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	
54880BE	750 kcmil		½	6.20 (157.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
58884BE	–	1,600/24, 646 kcmil	½	6.16 (156.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
58826BE	900 kcmil	1,925/24, 777 kcmil	½	6.74 (171.2)	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54826BE	1,000 kcmil	–	⅜	6.49 (164.8)	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	–
54882BE	1,000 kcmil		½	6.66 (169.2)	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.75 (44.5)	125	
54888BE	1,250 kcmil		½	7.88 (200.2)	3.00 (76.2)	2.42 (61.5)	0.35 (8.9)	1.67 (42.4)	0.63 (16.0)	1.75 (44.5)	140	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

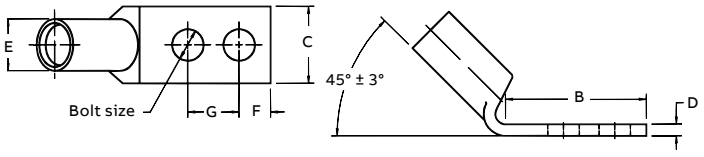
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
256-31426-3SPHUF	#14–10 AWG	–	#10	1.25 (31.75)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.50 – 0.63 (12.7 – 16.0)	ERG2002	Yellow
256-30695-1298UF	#14–10 AWG		¼	1.22 (31.0)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG2002	
54850BEUF	#8 AWG	#8 AWG 37/24 #8 Weld	¼	1.89 (48.0)	0.42 (10.7)	0.07 (17.8)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BEUF	#8 AWG		¼	1.29 (32.8)	0.47 (11.9)	0.06 (15.2)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	
54851BEUF0612	#8 AWG		⅜	1.42 (36.1)	0.47 (11.9)	0.06 (15.2)	0.26 (6.6)	0.38 (9.7)	0.75 (19.1)	21	
54852BEUF	#6 AWG	#6 AWG 61/24 #6 Weld	¼	1.28 (32.5)	0.44 (11.2)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
54852BEUF0416	#6 AWG		¼	1.63 (41.4)	0.43 (10.9)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
54852BEUF0412	#6 AWG		¼	1.43 (36.3)	0.43 (10.9)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24	
54852BEUF0616	#6 AWG		⅜	1.93 (49.0)	0.59 (15.0)	0.06 (15.2)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	
54852BEUF0828	#6 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)	24	
54854BEUF	#4 AWG	#5 AWG 91/24 #4 Weld	¼	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BEUF0412	#4 AWG		¼	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29	
54854BEUF0416	#4 AWG		¼	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUF0516	#4 AWG		5/16	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.63 (16.0)	1.00 (25.4)	29	
54854BEUF0616	#4 AWG		⅜	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUF0828	#4 AWG		½	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)	29	
54855BEUF0416	#2–3 AWG	#3 AWG 125/24	¼	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BEUF	#2–3 AWG		¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	
54855BEUF0412	#2–3 AWG		¼	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	
54856BEUF	#2–3 AWG		5/16	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33	
54810BEUF	#2–3 AWG		⅜	2.57 (65.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)	33	
54810BEUF0616	#2–3 AWG		⅜	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
54811BEUF	#2–3 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)	33	
54809BEUF	#1 AWG	#2 AWG 150/24 175/24 #2 Weld	¼	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEUF	#1 AWG		¼	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37	
54858BEUF	#1 AWG		5/16	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.63 (16.0)	0.88 (22.4)	37	
54857BEUF0616	#1 AWG		⅜	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	
54857BEUF	#1 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

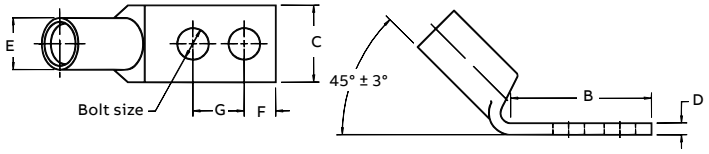
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
54859BEUF0416	1/0 AWG	1 AWG 225/24	¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54859BEUF0416PH	1/0 AWG		¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54859BEUF	1/0 AWG		¼	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.38 (9.7)	42	
54813BEUF	1/0 AWG		¼	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54860BEUF	1/0 AWG		5/16	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	
54860BEUF0616	1/0 AWG		⅜	1.98 (50.3)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54860BEUF0616PH	1/0 AWG		⅜	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54860BEUF0828	1/0 AWG		½	3.00 (76.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	1.75 (44.5)	42	
54814BEUF	2/0 AWG	1/0 AWG 275/24 1/0 Weld	¼	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
54814BEUF0412	2/0 AWG		¼	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45	
54862BEUF0616	2/0 AWG		⅜	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEUF0616PH	2/0 AWG		⅜	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEUF	2/0 AWG		½	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	45	
54815BEUF	3/0 AWG	2/0 AWG 325/24 2/0 Weld	¼	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange
54816BEUF	3/0 AWG		⅜	0.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54864BEUF	3/0 AWG		½	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50	
54817BEUF	4/0 AWG	3/0 AWG 450/24 3/0 Weld	¼	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple
54818BEUF	4/0 AWG		⅜	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54	
54818BEUF0616	4/0 AWG		⅜	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
54818BEUF0616PH	4/0 AWG		⅜	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
54866BEUF	4/0 AWG		½	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
54868BEUF0616	250 kcmil	4/0 AWG 550/24 4/0 Weld	⅜	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54868BEUF0616PH	250 kcmil		⅝	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	
54868BEUF	250 kcmil		½	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	
54819BEUF	300 kcmil	250 kcmil 650/24 = 262 kcmil	⅜	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54870BEUF	300 kcmil		½	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
54820BEUF	350 kcmil	650/24 262 kcmil	¼	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	0.75 (19.1)	71	Red
54872BEUF0616	350 kcmil		⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
54872BEUF0616PH	350 kcmil		⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
54872BEUF	350 kcmil		½	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

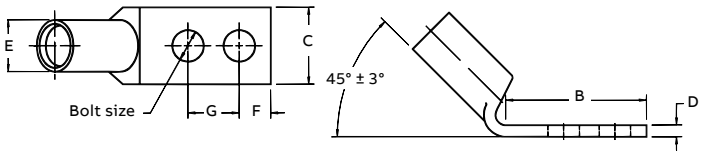
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
54822BEUF	400 kcmil	775/24 313 kcmil	¼	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue
54821BEUF	400 kcmil		⅜	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76	
54874BEUF	400 kcmil		½	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	1.75 (44.5)	76	
54823BEUF	500 kcmil	400 kcmil 925/24 350/373 kcmil	¼	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown
54876BEUF0616	500 kcmil		⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
54876BEUF0616PH	500 kcmil		⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
54876BEUF	500 kcmil		½	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	
54824BEUF	600 kcmil	1,100/24 444 kcmil	⅜	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (27.9)	0.38 (9.7)	1.00 (25.4)	94	Green
54878BEUF	600 kcmil		½	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (27.9)	0.50 (12.7)	1.75 (44.5)	94	
54880BEUF0616	750 kcmil	1,325/24 535 kcmil	⅜	2.06 (52.3)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	Black
54880BEUF0616PH	750 kcmil		⅜	2.06 (52.3)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	
54880BEUF	750 kcmil		½	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
58884BEUF	–	1,600/24, 646 kcmil	½	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
58826BEUF	900 kcmil	1,925/24 750/777 kcmil	½	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54826BEUF	1,000 kcmil	–	⅜	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	–
54882BEUF	1,000 kcmil		½	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

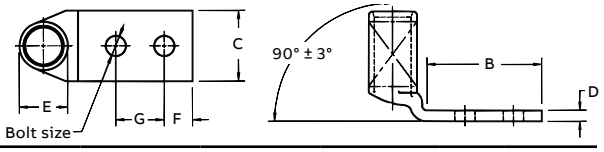
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV[¥]

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
54850BEUB	#8 AWG	#8 AWG 37/24 #8 Weld	¼	1.89 (48.0)	0.42 (10.7)	0.07 (1.8)	0.26 (6.6)	0.21 (5.3)	0.63–0.75 (16.0–19.1)	21	Red
54851BEUB	#8 AWG		¼	0.29 (32.8)	0.47 (11.9)	0.06 (1.5)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	
54851BEUB0616	#8 AWG		⅜	2.10 (53.3)	0.56 (14.2)	0.06 (1.5)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
54852BEUB	#6 AWG	#6 AWG 61/24 #6 Weld	¼	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
54852BEUB0412	#6 AWG		¼	1.43 (36.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24	
54852BEUB0616	#6 AWG		⅜	1.93 (49.0)	0.59 (15.0)	0.06 (1.5)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	
54852BEUB0828	#6 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)	24	
54854BEUB	#4 AWG	#5 AWG 91/24 #4 Weld	¼	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BEUB0412	#4 AWG		¼	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29	
54854BEUB0416	#4 AWG		¼	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUB0516	#4 AWG		5/16	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUB0616	#4 AWG		⅜	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUB0828	#4 AWG		½	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)	29	
54858BEUB0416	#2–3AWG	#3 AWG 125/24	¼	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BEUB	#2–3AWG		¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	
54855BEUB0412	#2–3AWG		¼	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	
54856BEUB	#2–3AWG		5/16	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33	
54810BEUB	#2–3AWG		⅜	2.57 (65.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)	33	
54810BEUB0616	#2–3AWG		⅜	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
54811BEUB	#2–3AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	0.75 (19.1)	33	
54809BEUB	#1 AWG	#2 AWG 150/24 175/24 #2 Weld	¼	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEUB	#1 AWG		¼	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37	
54858BEUB	#1 AWG		5/16	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)	37	
54857BEUB0616	#1 AWG		⅜	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	
54857BEUB	#1 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37	
54859BEUB0416	1/0 AWG	1 AWG 225/24	¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54859BEUB0416PH	1/0 AWG		¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54859BEUB	1/0 AWG		¼	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	42	
54813BEUB	1/0 AWG		¼	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54860BEUB	1/0 AWG		5/16	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	
54860BEUB0616	1/0 AWG		⅜	1.98 (50.3)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54860BEUB0828	1/0 AWG		½	3.00 (76.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.75 (44.5)	42	
54814BEUB	2/0 AWG	1/0 AWG 275/24 1/0 Weld	¼	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
54814BEUB0412	2/0 AWG		¼	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45	
54862BEUB0616	2/0 AWG		⅜	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEUB0616PH	2/0 AWG		⅜	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEUB	2/0 AWG		½	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	0.75 (19.1)	45	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

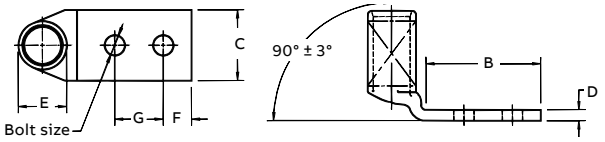
Compression connectors for copper conductors

Peep holes available – Add suffix PH
Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F	G	Die code	Colour code
54815BEUB	3/0 AWG	2/0 AWG	¼	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange
54816BEUB	3/0 AWG	325/24 2/0 Weld	⅜	0.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54864BEUB	3/0 AWG		½	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50	
54817BEUB	4/0 AWG	3/0 AWG	¼	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple
54818BEUB	4/0 AWG	450/24 3/0 Weld	⅜	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54	
54818BEUB0616	4/0 AWG		⅜	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
54818BEUB0616PH	4/0 AWG		⅜	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	
54866BEUB	4/0 AWG		½	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
54868BEUB0616	250 kcmil	4/0 AWG	⅜	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54868BEUB0616PH	250 kcmil	550/24 4/0 Weld	⅜	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	
54868BEUB	250 kcmil		½	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	
54819BEUB	300 kcmil	250 kcmil	⅜	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54870BEUB	300 kcmil	650/24 = 262 kcmil	2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (21.6)	1.75 (44.5)	66	
54820BEUB	350 kcmil	650/24	¼	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	0.75 (19.1)	71	Red
54872BEUB0616	350 kcmil	262 kcmil	⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
54872BEUB0616PH	350 kcmil		⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	
54872BEUB	350 kcmil		½	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (21.6)	1.75 (44.5)	71	
54822BEUB	400 kcmil	775/24	¼	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue
54821BEUB	400 kcmil	313 kcmil	⅜	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76	
54874BEUB	400 kcmil		½	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (21.6)	1.75 (44.5)	76	
54823BEUB	500 kcmil	400 kcmil	¼	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown
54823BEUB0616	500 kcmil	925/24 350/373 kcmil	⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
54876BEUB0616PH	500 kcmil		⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	
54876BEUB	500 kcmil		½	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (21.6)	1.75 (44.5)	87	
54824BEUB	600 kcmil	1,110/24, 444 kcmil	⅜	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green
54878BEUB	600 kcmil		½	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (21.6)	1.75 (44.5)	94	
54880BEUB0616	750 kcmil	1,325/24 535 kcmil	⅜	2.06 (52.3)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.00 (25.4)	106	Black
54880BEUB0616PH	750 kcmil		⅜	2.06 (52.3)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.00 (25.4)	106	
54880BEUB	750 kcmil		½	3.00 (76.2)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.75 (44.5)	106	
58884BEUB	–	1,600/24, 646 kcmil	½	3.00 (76.2)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.75 (44.5)	106	
58826BEUB	900 kcmil	1,925/24 750/777 kcmil	½	3.00 (76.2)	2.18 (7.9)	0.31 (7.9)	1.50 (38.1)	0.50 (21.6)	1.75 (44.5)	115	Yellow
54826BEUB	1,000 kcmil	–	⅜	2.80 (71.1)	2.27 (7.6)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	–
54882BEUB	1,000 kcmil		½	3.00 (76.2)	2.27 (7.6)	0.30 (7.6)	1.55 (39.4)	0.50 (21.6)	1.75 (44.5)	125	

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Narrow-tongue lugs – Ideal for confined-space terminations

To meet increasing demand for smaller components in today's panels and switchgear, ABB has expanded its line of Color-Keyed narrow-tongue lugs to include two-hole and angled lugs. These improved lugs have been precision engineered for consistency in width the entire length of the connector, from barrel to tongue, ensuring a reliable fit in confined-space applications.

- Narrow-width tongue and barrel, engineered for dimensional consistency the entire length of the lug
- Perfect for connections in limited-space applications
- High-conductivity copper construction
- Electrolytically tin-plated finish resists corrosion
- ABB Color-Keyed marking system makes connections and verification easy
- Double-chamfered barrel eases insertion of wire

Technical specifications

- Certified rating: 600 V
- Recommended rating: Up to 35 kV[¥]
- Material: 99% pure high-conductivity seamless wrought copper
- Finish: Electro tin plated
- Standards: UL listed, CSA certified and RoHS compliant

Ideal for use in:

- Panels
- Switchgear
- Molded-case circuit breakers
- Motor starters
- Other limited-space OEM applications

Now available in:

- One-hole
- Two-hole
- Straight
- 45° angled
- 90° angled

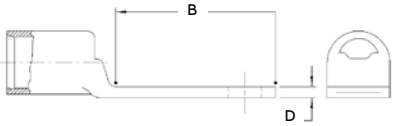
[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

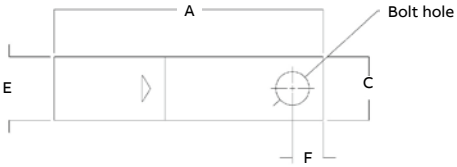
Compression connectors for copper conductors

Narrow-tongue copper lugs – One-hole, standard barrel certified to 600 V and recommended up to 35 kV¥

	Wire size			Dimensions in. (mm)							
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	Die code	Colour code
54138NT	#4 AWG	#5 AWG – 91/24	#10	1.31 (33.3)	0.56 (14.2)	0.37 (9.4)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54107NT	#2–3 AWG	#3 AWG – 125/24	¼	1.50 (38.1)	0.65 (16.5)	0.41 (10.4)	0.07 (1.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54108NT	#1 AWG	#2 AWG, 150, 175/24	¼	1.50 (38.1)	0.65 (16.5)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54152NT	1/0 AWG	#1 AWG – 225/24	¼	1.60 (40.6)	0.65 (16.5)	0.52 (13.2)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54157NT	2/0 AWG	1/0 AWG – 275/24	¼	1.60 (40.6)	0.65 (16.5)	0.57 (14.5)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black
54162NT	3/0 AWG	2/0 AWG – 325/24	¼	1.68 (42.7)	0.65 (16.5)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange
54167NT	4/0 AWG	3/0 AWG – 450/24	¼	1.90 (48.3)	0.65 (16.5)	0.70 (17.8)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54172NT	250 kcmil	4/0 AWG – 550/24	¼	2.00 (50.8)	0.65 (16.5)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	Yellow
54178NT04	300 kcmil	650/24	¼	2.33 (59.2)	0.88 (22.4)	0.85 (21.6)	0.15 (3.8)	0.85 (21.6)	0.25 (6.4)	66	White
54115NT	350 kcmil	650/24	½	2.75 (69.9)	1.25 (31.8)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71H	Red
54115NT06	350 kcmil	650/24	⅜	2.50 (63.5)	1.00 (25.4)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.38 (16.0)	71H	
54118NT	500 kcmil	925/24	½	3.25 (82.6)	1.25 (31.8)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54123NT08	750 kcmil	1,325/24	½	3.48 (88.4)	1.25 (31.8)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106H	Black
54123NT	750 kcmil	1,325/24	⅝	3.80 (96.5)	1.58 (40.1)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106H	

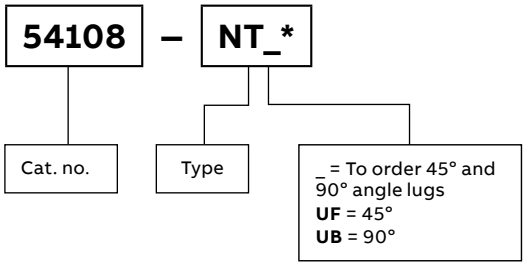
Diagrams





¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

* Special lugs may have other catalogue number constructions. Please contact technical services.



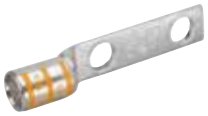
Ordering information

Other options include silver plating (add SP to catalogue number), blind end (add BE to catalogue number) and peep holes (add PH to catalogue number).

Catalogue no. example:

54108NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.

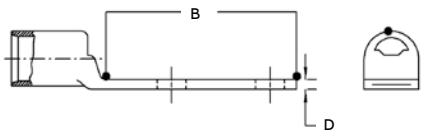
Compression connectors for copper conductors

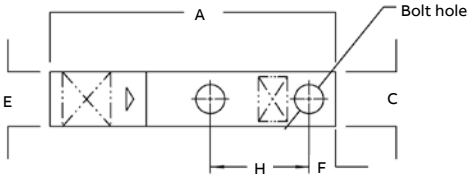


Narrow-tongue copper lugs – Two-hole, standard barrel certified to 600 V and recommended up to 35 kV¥

	Wire size			Dimensions in. (mm)								
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	H	Die code	Colour code
54206NT0310	#4 AWG	# 5 AWG – 91/24	#10	1.88 (47.8)	1.13 (28.7)	0.37 (9.4)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54207NT	#2–3 AWG	#3 AWG – 125/24	¼	2.04 (61.0)	1.19 (30.2)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
54207NT0412	#2–3 AWG	#3 AWG – 125/24	¼	2.16 (54.9)	1.31 (33.3)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	
54207NT0416	#2–3 AWG	#3 AWG – 125/24	¼	2.41 (61.2)	1.56 (39.6)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)	33	
54208NT	#1 AWG	#2 AWG – 150, 175/24	¼	2.40 (61.0)	1.19 (30.2)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54208NT0516	#1 AWG	#2 AWG – 150, 175/24	5/16	2.63 (66.8)	1.78 (45.2)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	
54255NT	1/0 AWG	#1 AWG – 225/24	5/16	2.61 (66.3)	1.66 (42.2)	0.52 (13.2)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	Pink
54261NT	2/0 AWG	1/0 AWG – 275/24	5/16	2.66 (67.6)	1.66 (42.2)	0.57 (14.5)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	45	Black
54210NT	2/0 AWG	1/0 AWG – 275/24	⅜	2.82 (71.6)	1.82 (46.2)	0.57 (14.5)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	45	
54266NT	3/0 AWG	2/0 AWG – 325/24	5/16	2.88 (73.2)	1.78 (45.2)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	Orange
54211NT	3/0 AWG	2/0 AWG – 325/24	⅜	2.92 (74.2)	1.82 (46.2)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54212NT	4/0 AWG	3/0 AWG – 450/24	⅜	3.07 (94.0)	1.82 (46.2)	0.70 (17.8)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54213NT	250 kcmil	4/0 AWG – 550/24	⅜	3.17 (80.5)	1.82 (46.2)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275NT	250 kcmil	4/0 AWG – 550/24	½	4.16 (105.7)	2.81 (71.4)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	
54282NT	350 kcmil	650/24	½	4.36 (110.7)	2.81 (71.4)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71H	Red
54218NT	500 kcmil	925/24	⅜	4.57 (116.1)	2.57 (65.3)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown
54286NT	500 kcmil	925/24	½	4.81 (122.2)	2.81 (71.4)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	
54878BENTPH	600 kcmil	1,100/24	½	5.83 (148.1)	3.00 (76.2)	1.20 (30.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	Green
54223NT0628	750 kcmil	1,325/24	⅜	4.79 (121.7)	2.57 (65.3)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.75 (44.5)	106H	Black
54223NT	750 kcmil	1,325/24	½	5.04 (137.2)	2.81 (71.4)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106H	
58884BENTPH	–	1,600/24	½	6.16 (156.5)	3.00 (76.2)	1.33 (33.8)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	106H	

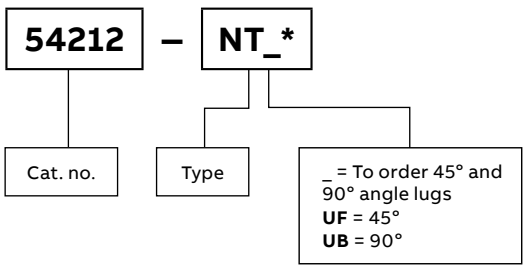
Diagrams





Catalogue numbers 54878BENTPH and 58884BENTPH include peep holes.
¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

* Special lugs may have other catalogue number constructions. Please contact technical services.



Ordering information
Other options include silver plating (add SP to catalogue number), blind end (add BE to catalogue number) and peep holes (add PH to catalogue number).

Catalogue no. example:
54212NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.

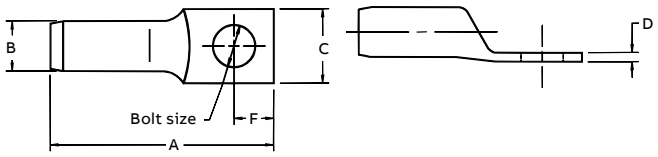
Compression connectors for copper conductors

These Color-Keyed connectors are recommended for up to 15 kV applications. Installed with standard ABB 14 and 15-ton compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.

Copper one-hole lugs – Certified to 600 V and recommended up to 15 kV

	Cable size**		Dimensions in. (mm)						Installing tools 14 and 15 tons*		
Cat no.	Code cable	Stud size (in.)	A	B	C	D	E	F	Die set cat. no.	Strip length (in.)	Colour code
54440	#4 AWG	⅜	2.08 (71.1)	0.81 (20.6)	0.58 (14.7)	0.08 (2.0)	0.38 (9.7)	0.50 (12.7)	15CA29R	1 7/16	Grey
54443	#2 AWG	⅜	2.25 (57.2)	0.81 (20.6)	0.66 (16.8)	0.09 (2.3)	0.38 (9.7)	0.50 (12.7)	15CA33R	1 7/16	Brown
54448	#1 AWG	⅜	2.36 (59.9)	0.81 (20.6)	0.69 (17.5)	0.10 (2.5)	0.38 (9.7)	0.50 (12.7)	15CA37R	1 18/32	Green
54409	1/0 AWG	⅜	2.38 (60.5)	0.81 (20.6)	0.75 (19.1)	0.12 (3.0)	0.38 (9.7)	0.50 (12.7)	15CA42R	1⅝	Pink
54460	2/0 AWG	½	2.73 (69.3)	1.06 (40.6)	0.83 (21.1)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	15CA45R	1⅝	Black
54465	3/0 AWG	½	2.81 (71.4)	1.06 (40.6)	0.94 (23.9)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	15CA49R	1¾	Orange
54470	4/0 AWG	½	2.78 (70.6)	1.06 (40.6)	1.00 (25.4)	0.13 (3.3)	0.50 (12.7)	0.50 (12.7)	15CA54R	1 13/16	Purple
54413	250 kcmil	½	3.19 (81.0)	1.06 (40.6)	1.07 (43.2)	0.14 (3.6)	0.50 (12.7)	0.50 (12.7)	15CA60R	2 1/32	Ruby

Diagrams



**Cable size: Concentric (code) and compact strandings
*Cat. no. TB15500 die adaptor required for TBM15I
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

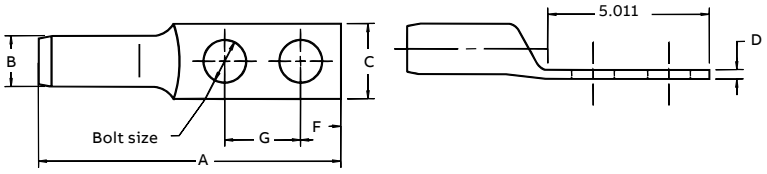
Compression connectors for copper conductors

These Color-Keyed connectors are recommended for up to 15 kV applications. Installed with standard ABB 14 and 15-ton compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.

Copper two-hole lugs – Certified to 600 V and recommended up to 15 kV

	Cable size**		Dimensions in. (mm)							Installing tools 14 and 15 tons*		
Cat no.	Code cable	Stud size (in.)	A	B	C	D	E	F	G	Die set cat. no.	Strip length (in.)	Colour code
54475	1/0 AWG	⅜	3.56 (90.4)	0.53 (13.5)	0.77 (19.6)	0.12 (3.0)	0.38 (9.7)	0.38 (9.7)	1.00 (25.4)	15CA42R	1⅝	Pink
54476	2/0 AWG	½	4.67 (118.6)	0.56 (14.2)	0.83 (21.1)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA45R	1⅝	Black
54478	3/0 AWG	½	4.75 (120.7)	0.63 (16.0)	0.94 (23.9)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA49R	1¾	Orange
54479	4/0 AWG	½	4.64 (117.9)	0.69 (17.3)	1.00 (25.4)	0.13 (3.3)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA54R	1¹³⁄₁₆	Purple
54480	250 kcmil	½	5.17 (131.3)	0.75 (19.1)	1.08 (45.7)	0.14 (3.6)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA60R	2¹⁄₃₂	Ruby
54481	300 kcmil	½	5.16 (131.1)	0.81 (20.6)	1.19 (30.2)	0.16 (4.1)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA66R	²³⁄₃₂	White
54482	350 kcmil	½	5.35 (135.9)	0.88 (22.1)	1.29 (32.8)	0.19 (4.8)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA71R	2¹³⁄₃₂	Red
54483	400 kcmil	½	5.35 (135.9)	0.92 (23.4)	1.36 (34.5)	0.18 (4.6)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA76R	2¹³⁄₃₂	Blue
54484	500 kcmil	½	5.60 (142.2)	1.06 (40.6)	1.54 (39.1)	0.23 (5.8)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA87R	2¹³⁄₃₂	Brown
54485***	600 kcmil	½	5.83 (148.1)	1.17 (29.7)	1.70 (43.2)	0.24 (6.1)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA84R	2⁹⁄₁₆	Green
54487***	750 kcmil	½	6.13 (155.7)	1.11 (27.9)	1.89 (48.0)	0.27 (6.9)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA106R	2¾	Black
54490	1,000 kcmil	½	6.60 (167.6)	1.50 (38.1)	2.18 (55.4)	0.31 (7.9)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15C125R•	2²⁹⁄₃₂	–

Diagrams



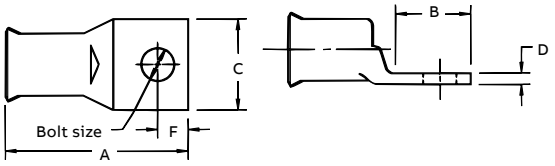
* Cat. no. TB15500 die adaptor required for TBM15I.
• No adaptor required – TBM15I only.
** Cable size: Concentric (code) and compact strandings.
14-Ton tool UL listing limited to 1/0 AWG and 500 kcmil cable sizes.
*** 15-Ton tool only for 500 kcmil and over.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥]

Cat. no.	Wire size (AWG or kcmil)* Code cable	Navy	Flex	Classes G	H	I	K	M	Bolt size (in.)	Dimensions in. (mm) A	B	C	D	F	Die code	Colour code
54104BS	8	23	37/24	8	8	–	8	8	#10	1.06 (40.6)	0.46 (11.7)	0.40 (10.2)	0.07 (1.8)	0.21 (5.3)	21	Red
54105BS	6	30	61/24	5	5	5	5	5	1/4	1.18 (30.0)	0.56 (14.2)	0.43 (10.9)	0.10 (2.5)	0.25 (6.4)	24	Blue
54106BS	4	40–50	91/24	5	5	5	5	5	1/4	1.28 (32.5)	0.56 (14.2)	0.56 (14.2)	0.10 (2.5)	0.25 (6.4)	29	Grey
54139BS	3–4	40–50	91/24	4	4	4	4	4	5/16	1.43 (36.3)	0.78 (19.8)	0.59 (19.8)	0.07 (1.8)	0.34 (8.6)	29	
54142BS	2	60	125/24	3	3	3	3	3	5/16	1.53 (38.9)	0.71 (18.0)	0.65 (16.5)	0.07 (1.8)	0.34 (8.6)	33	Brown
54147BS	1	75	150, 175/24	2	2	2	2	2	5/16	1.91 (48.5)	0.71 (18.0)	0.67 (17.0)	0.12 (3.0)	0.38 (9.7)	37	Green
54153BS	1/0	100	225/24	1	1	1	1	1	5/16	1.63 (41.4)	0.71 (18.0)	0.75 (19.1)	0.14 (3.6)	0.38 (9.7)	42	Pink
54110BS	2/0	125	275/24	1/0	1/0	1/0	1/0	1/0	3/8	1.88 (47.8)	0.81 (20.6)	0.81 (20.6)	0.14 (3.6)	0.38 (9.7)	45	Black
54165BS	3/0	150	325/24	2/0	2/0	2/0	2/0	2/0	1/2	2.21 (56.1)	1.06 (40.6)	0.93 (23.6)	0.14 (3.6)	0.50 (12.7)	50	Orange
54170BS	4/0	200	450/24	3/0	3/0	3/0	3/0	3/0	1/2	2.31 (58.7)	1.06 (40.6)	1.03 (33.0)	0.15 (3.8)	0.50 (12.7)	54	Purple
58165BS	250	–	550/24	4/0	4/0	4/0	4/0	4/0	1/2	2.46 (62.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	62	Yellow
54114BS	300	300	650/24	250	250	250	250	–	1/2	2.46 (62.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	66	White
5411440BS	300	300	650/24	250	250	250	250	–	1/2	2.38 (60.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	66	
54115260BS	350	350	650/24	–	–	250	250	250	1/2	2.63 (66.8)	1.18 (30.0)	1.38 (35.1)	0.20 (5.1)	0.56 (14.2)	66	
54185BS	400	400	775/24	300	300	300	300	300	5/8	3.43 (87.1)	1.68 (42.7)	1.40 (35.6)	0.21 (5.3)	0.81 (20.6)	76	Blue
58177BS	500	–	925/24	400	400	400	400	400	5/8	3.00 (76.2)	1.31 (33.3)	1.63 (41.4)	0.25 (6.4)	0.81 (20.6)	80	–
58180BS	600	–	1,100/24	–	–	450	450	450	5/8	3.63 (92.2)	1.68 (42.7)	1.78 (45.2)	0.26 (6.6)	0.81 (20.6)	94	Green
54122BS	700	–	1,325/24	500	500	500	500	500	5/8	3.63 (92.2)	1.68 (42.7)	1.78 (45.2)	0.28 (7.1)	0.81 (20.6)	99	Pink
54123BS	750	–	–	600	–	–	–	550	5/8	3.63 (92.2)	1.68 (42.7)	1.93 (49.0)	0.31 (7.9)	0.81 (20.6)	106	Black
54124BS	800	800	–	–	–	–	600	–	5/8	3.81 (96.8)	1.68 (42.7)	2.00 (50.8)	0.31 (7.9)	0.63 (16.0)	107	Orange
54126BS	900	–	1,925/24	–	–	750	–	–	5/8	4.12 (104.6)	1.81 (46.0)	2.18 (55.4)	0.37 (9.4)	0.88 (22.4)	115	Yellow

Diagrams



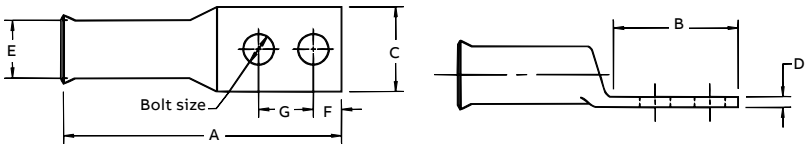
[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Stranding will differ per class.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥]

Cat. no.	Wire size (AWG or kcmil)* Code cable	Navy	Flex	Classes G	H	I	K	M	Bolt size (in.)	Dimensions in. (mm) A	B	C	D	E	F	G	Die code	Colour code
54850BEBS	8	23	8	8	8	–	8	–	¼	2.19 (55.6)	1.88 (47.8)	0.42 (10.7)	0.07 (1.8)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BEBS	8	23	8	8	8	–	8	–	¼	2.31 (58.7)	1.59 (32.8)	0.47 (11.9)	0.06 (1.5)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	
54851BE0616BS	8	23	8	8	8	–	8	–	⅜	3.00 (76.2)	2.10 (53.3)	0.56 (14.2)	0.06 (1.5)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
54852BE0616BS	6	30	6	5	5	5	5	–	⅜	2.93 (74.4)	1.93 (49.0)	0.59 (15.0)	0.06 (1.5)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	Blue
54852BEBS	6	30	6	5	5	5	5	–	¼	2.28 (57.9)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
54852BE0412BS	6	30	6	5	5	5	5	–	¼	2.43 (61.7)	1.43 (36.3)	0.43 (10.9)	0.07 (1.8)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24	
54854BEBS	4–3	40–50	5	5	5	5	5	–	¼	2.31 (58.7)	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BE0412BS	4–3	40–50	5	5	5	5	5	–	¼	2.31 (58.7)	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29	
54854BE0616BS	4–3	40–50	5	5	5	5	5	–	⅜	3.13 (79.5)	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54855BE0412BS	2	60	3	3	3	3	3	3	¼	2.63 (66.8)	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	Brown
54855BEBS	2	60	3	3	3	3	3	3	¼	2.43 (61.7)	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	
54856BEBS	2	60	3	3	3	3	3	3	3/16	2.78 (70.6)	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33	
54810BE0616BS	2	60	3	3	3	3	3	3	⅜	3.08 (96.5)	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
54811BEBS	2	60	3	3	3	3	3	3	½	4.28 (108.7)	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)	33	
54809BEBS	1	75	2	2	2	2	2	2	¼	2.88 (73.2)	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEBS	1	75	2	2	2	2	2	2	¼	2.75 (69.9)	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37	
54858BEBS	1	75	2	2	2	2	2	2	5/16	2.97 (75.4)	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)	37	
54857BEBS	1	75	2	2	2	2	2	2	½	4.43 (112.5)	3.00 (76.2)	0.88 (22.4)	0.10 (2.5)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37	

Diagrams



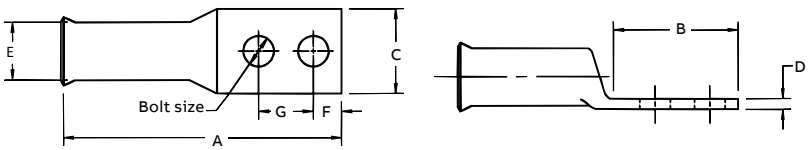
[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Stranding will differ per class.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

Cat. no.	Wire size (AWG or kcmil)* Code cable	Navy	Flex	Classes G	H	I	K	M	Bolt size (in.)	Dimensions in. (mm) A	B	C	D	E	F	G	Die code	Colour code
54859BEBS	1/0	100	1	1	1	1	1	1	¼	2.63 (66.8)	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	42	**Pink**
54813BEBS	1/0	100	1	1	1	1	1	1	¼	2.71 (68.8)	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54860BEBS	1/0	100	1	1	1	1	1	1	5/16	2.97 (75.4)	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	
54860BE0616BS	1/0	100	1	1	1	1	1	1	⅜	3.23 (82.0)	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54814BEBS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	¼	2.62 (66.5)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	**Black**
54814BE0412BS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	¼	2.69 (68.3)	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45	
54862BE0616BS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	⅜	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEBS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	½	2.20 (55.9)	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	45	
54815BEBS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	¼	2.89 (73.4)	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	**Orange**
54816BEBS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	⅜	3.25 (82.6)	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54864BEBS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	½	4.45 (113.0)	3.00 (76.2)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50	
54817BEBS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	¼	3.15 (80.0)	1.38 (35.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	0.75 (19.1)	54	**Purple**
54818BE0616BS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	⅜	3.35 (85.1)	1.81 (46.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	1.00 (25.4)	54	
54818BEBS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	⅜	4.38 (111.3)	2.63 (66.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54	
54866BEBS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	½	4.70 (119.4)	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
54868BE0616BS	250	–	4/0	4/0	4/0	4/0	4/0	4/0	⅜	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.00 (25.4)	62	**Yellow**
54868BEBS	250	–	4/0	4/0	4/0	4/0	4/0	4/0	½	4.92 (125.0)	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	

Diagrams



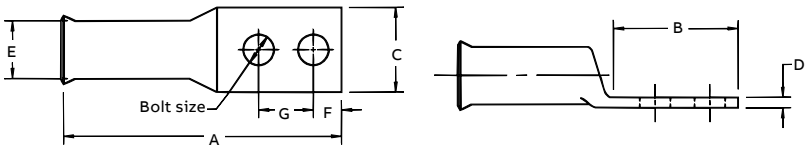
[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Stranding will differ per class.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV[¥] (continued)

Cat. no.	Wire size (AWG or kcmil)* Code cable	Navy	Flex	Classes G	H	I	K	M	Bolt size (in.)	Dimensions in. (mm) A	B	C	D	E	F	G	Die code	Colour code
54819BEBS	300	300	262	250	250	250	250	–	⅜	5.04 (137.2)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.00 (25.4)	66	White
54870BEBS	300	300	262	250	250	250	250	–	½	5.23 (132.8)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
54822BEBS	400	400	313	300	300	300	300	–	¼	4.38 (111.3)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	0.75 (19.1)	76	Blue
54821BEBS	400	400	313	300	300	300	300	–	⅜	4.43 (112.5)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	1.00 (25.4)	76	
54874BEBS	400	400	313	300	300	300	300	–	½	5.51 (140.0)	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	1.75 (44.5)	76	
54823BEBS	500	–	373	400	400	400	400	–	¼	4.93 (125.2)	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	0.75 (19.1)	87	Brown
54876BE0616BS	500	–	373	400	400	400	400	–	⅜	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.00 (25.4)	87	
54876BEBS	500	–	373	400	400	400	400	–	½	6.00 (152.4)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	
54824BEBS	–	–	444	–	–	450	450	–	⅜	5.70 (144.8)	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	1.00 (25.4)	94	Green
54878BEBS	–	–	444	–	–	450	450	–	½	5.83 (148.1)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	1.75 (44.5)	94	
54879BEBS	700	–	535	–	–	–	–	–	½	6.00 (152.4)	3.00 (76.2)	2.81 (71.4)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54880BEBS	700	–	535	500	500	500	500	–	½	6.20 (157.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	1.75 (44.5)	106	Black
58884BEBS	–	–	646	–	–	–	–	–	½	6.16 (156.4)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	
58826BEBS	900	–	777	–	–	750	–	–	⅜	6.49 (164.8)	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.50 (38.1)	0.63 (16.0)	1.00 (25.4)	115	Yellow

Diagrams



[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Stranding will differ per class.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Two-barrel lugs – Certified to 600 V and recommended up to 35 kV[¥]

Cat. no.	Wire size (AWG or kcmil) Code cable	Flex	Hole size (in.)	Fig. no.	Dimensions in. (mm) A	W	T	Die code	Colour code
256-30695-828	#6	61/24	¼	1	2.94 (74.7)	0.44 (11.2)	0.06 (1.5)	24	Blue
256-30695-1227	#6	61/24	¼	2	3.38 (85.9)	0.44 (11.2)	0.06 (1.5)	24	

Diagrams

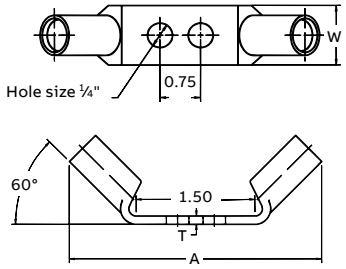


Figure 1

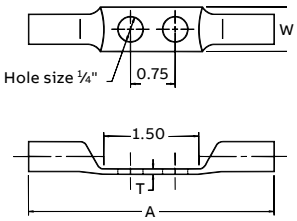


Figure 2

[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

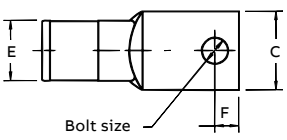
Compression connectors for copper conductors

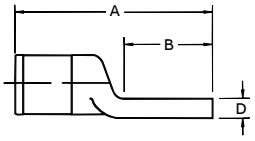
Material – High-conductivity wrought copper
Finish – Electro tin plated

Cast copper one-hole lugs heavy-duty — certified to 600 V and recommended up to 35 kV[¥]

Cat. no.	Code cable size (AWG or kcmil)	Dimensions in. (mm) A	B	C	D	F	Bolt size (in.)	Die code
53104	8	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	#10	29
53105	6	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	¼	29
53106	4	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	¼	29
53107	2	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)	¼	45
53108	1	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)	¼	45
53109	1/0	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)	⅜	45
53161*	325/24	2.18 (55.4)	0.75 (19.1)	0.81 (20.6)	0.21 (5.3)	0.43 (10.9)	⅜	54
53110	2/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)	⅜	66
53111	3/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)	⅜	66
53112	4/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)	⅜	66
53165*	650/24	3.06 (91.4)	1.38 (35.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	½	76
53113	250 kcmil	3.06 (91.4)	1.50 (38.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	½	76
53114	300 kcmil	3.06 (91.4)	1.50 (38.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	½	76
53115	350 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)	½	99
53116	400 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)	½	99
53118	500 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)	½	99
53168*	1,100/24	3.81 (96.8)	1.63 (41.4)	1.63 (41.4)	0.40 (10.2)	0.88 (22.4)	½	107
53169*	1,325/24	3.81 (96.8)	1.63 (41.4)	1.63 (41.4)	0.40 (10.2)	0.88 (22.4)	½	107
53123	750 kcmil	4.18 (106.2)	2.12 (53.8)	1.63 (41.4)	0.43 (10.9)	1.00 (25.4)	½	112
53173*	2,750/24	5.06 (142.2)	1.88 (47.8)	2.12 (53.8)	0.56 (14.2)	1.18 (30.0)	½	150

Diagrams





[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Not UL Listed and CSA non applicable.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Material – High-conductivity wrought copper
Finish – Electro tin plated

Cast copper two-hole lugs for code copper cable – Certified to 600 V and recommended up to 35 kV[¥]

Cat. no.	Code cable size (AWG or kcmil)	Bolt size (in.)	Dimensions in. (mm) A	B	C	D	E	F	H	Die code	No. of crimps 12 ton	15 ton	40 ton
256-30695-1055	#14–10	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63–0.75 (16.0–19.1)	29	1	1	1
53204	#8	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.09 (2.3)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)	29	1	1	1
53205	#8	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)	29	1	1	1
53206	#4	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)	29	1	1	1
53207	#2	¼	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.12 (3.0)	0.59 (15.0)	0.50 (12.7)	0.75 (19.1)	45	1	1	1
53208	#1	¼	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.25 (6.4)	0.59 (15.0)	0.50 (12.7)	1.00 (25.4)	45	1	1	1
53209	1/0	⅜	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.25 (6.4)	0.59 (15.0)	0.50 (12.7)	1.00 (25.4)	45	1	1	1
53210	2/0	⅜	4.31 (109.5)	3.00 (76.2)	0.75 (19.1)	0.18 (4.6)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66	1	1	1
53211	3/0	½	4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.28 (7.1)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66	1	1	1
53212	4/0	½	4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.28 (7.1)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66	1	1	1
53213	250	½	4.56 (115.8)	3.00 (76.2)	1.18 (30.0)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	1.75 (44.5)	76	1	1	1
53214	300	½	4.56 (115.8)	3.00 (76.2)	1.18 (30.0)	0.31 (7.9)	0.93 (23.6)	0.63 (16.0)	1.75 (44.5)	76	1	1	1
53215	350	½	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.25 (6.4)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99	2	1	1
53216	400	½	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.38 (9.7)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99	2	1	1
53218	500	½	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.38 (9.7)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99	2	1	1
53220M	600	½	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.53 (13.5)	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112	2	1	1
53222M	700	½	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.03 (0.8) ±	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112	2	1	1
53223M	750	½	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.03 (0.8) ±	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112	2	1	1
53269•	1,325/24	½	5.50 (139.7)	3.50 (88.9)	1.63 (41.4)	0.40 (10.2)	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	107	2	1	1
53224	800	½	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.31 (7.9)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130	–	1	1
53226	900	½	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.46 (11.7)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130	–	1	1
53228	1000	½	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.46 (11.7)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130	–	1	1
53273•	1,100 2,750/24	½	6.19 (157.2)	3.50 (88.9)	2.12 (53.8)	0.56 (14.2)	1.90 (28.3)	0.63 (16.0)	1.75 (44.5)	150 or 150H	–	–	–
53233	1,500	½	6.25 (158.8)	3.50 (88.9)	2.25 (57.2)	0.50 (12.7)	1.90 (28.3)	0.63 (16.0)	1.75 (44.5)	150	–	1	1
53233L	1,500	½	7.31 (185.7)	3.12 (79.2)	2.00 (50.8)	0.50 (12.7)	1.88 (47.8)	0.63 (16.0)	1.75 (44.5)	150	–	1	–
53432L•*	1,500	½	7.31 (185.7)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	1.88 (47.8)	0.63 (16.0)	1.75 (44.5)	150	–	1	–
251-30485-1275	1,250	9/16	6.19 (157.2)	3.50 (88.9)	2.12 (53.8)	0.56 (14.2)	1.90 (48.3)	0.63 (16.0)	1.75 (44.5)	150	–	–	–
251-30485-1211	1,750	–	6.38 (162.1)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	2.18 (55.4)	–	–	175	–	–	2 (fig. 2)
251-30485-1212	1,750	–	6.38 (162.1)	3.12 (79.2)	2.25 (57.2)	0.50 (12.7)	2.18 (55.4)	–	–	175	–	–	2 (fig. 1)
53239	2,000 169/110	½	6.19 (157.2)	3.50 (88.9)	2.75 (69.9)	0.50 (12.7)	2.18 (55.4)	0.63 (16.0)	0.63 (16.0)	175	–	–	–
53239L	178/0.104 2,000 169/0.110	½	7.31 (185.7)	3.12 (79.2)	2.25 (57.2)	0.50 (12.7)	2.46 (62.5)	0.63 (16.0)	0.63 (16.0)	175	–	–	–
53439L•*	178/0.104 2,000	½	7.31 (185.7)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	2.18 (55.4)	0.63 (16.0)	0.63 (16.0)	175	–	–11421 die	

Diagrams

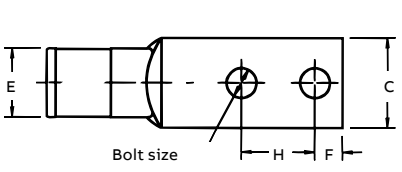
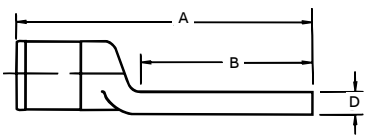


Figure 1



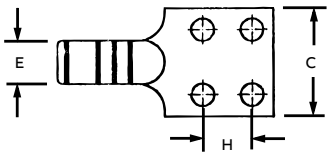


Figure 2

[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Heavy-duty copper lugs for flexible strand cables 600 V not UL or CSA listed.
• CSA not applicable.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

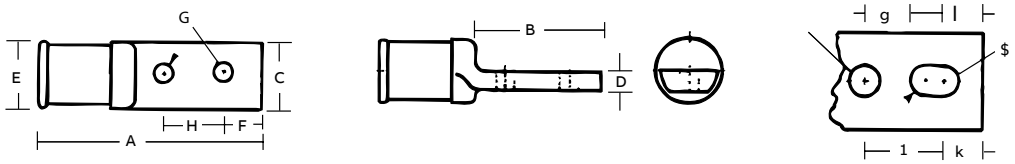
Compression connectors for copper conductors

Material – Cast copper

Color-Keyed method – Traction motor disconnect lugs for diesel-electric locomotives

Cat. no.	Cable size	Dimensions in. (mm) A	B	C	D	Approx. dia. E in. (mm)	Bolt size in. (mm) F	G	H	Die code
MD37	37/24	2.44 (62.0)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.38 (9.7)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	26
MDD61	61/24	2.44 (62.0)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.38 (9.7)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	26
MD 105	105/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
MD 105	91/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
MD 125	125/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.20 (5.2)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
MD 150	150/24	2.06 (52.3)	1.88 (47.8)	0.59 (15.0)	0.20 (5.2)	0.63 (16.0)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	45
MD 175	175/24	2.06 (52.3)	1.88 (47.8)	0.59 (15.0)	0.20 (5.2)	0.63 (16.0)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	45
MD 225	225/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 275	275/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 325	325/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 375	375/24	3.13 (79.5)	2.00 (50.8)	0.78 (19.8)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 450	450/24	3.13 (79.5)	2.00 (50.8)	0.78 (19.8)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 550	550/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.20 (5.2)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
MD 650	650/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.20 (5.2)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
MD 775	775/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.38 (9.5)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
MD 925	925/24	3.75 (95.3)	2.06 (52.3)	1.13 (28.7)	0.38 (9.5)	1.16 (29.5)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	87
MD 1100	1,100/24	3.75 (95.3)	2.06 (52.3)	1.34 (34.0)	0.38 (9.5)	1.38 (35.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	107
MD 1325	1,325/24	3.78 (96.0)	2.09 (53.3)	1.16 (29.5)	0.38 (9.5)	1.75 (44.5)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	107
MD 1600	1,600/24	3.75 (95.3)	2.06 (52.3)	1.34 (34.0)	0.38 (9.5)	1.38 (35.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	107
MD 1925*	1,925/24	4.06 (103.1)	2.09 (53.3)	1.34 (34.0)	0.38 (9.5)	1.50 (38.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	115
MD 2300	2,300/24	4.38 (111.3)	2.13 (54.1)	1.59 (40.4)	0.38 (9.5)	1.66 (42.2)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	130

Diagrams



Note: some parts may not be current on the system. Consult your regional sales office for informations.
Tooling: all hydraulic tools 12 tons and up.
For use in mechanically splicing traction motor wires. MES Flex (B) and DLU.
* Supplied with elongated bolt hole.

Compression connectors for copper conductors

One-hole metric lugs

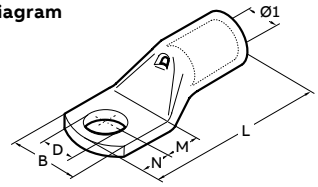
Color-Keyed metric lugs are manufactured from electrolytic copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength, resisting vibration and pullout. Color-Keyed metric lugs are annealed to guarantee optimum ductility, which is a necessity for compression connectors having to withstand severe deformation arising when compressed or bending of the tongue that may happen during installation. Connectors have to perform adequately with vibration loads, and annealing is necessary to avoid material failure between the barrel and the tongue.

The presence of an inspection hole facilitates full insertion of the conductor, and the barrel length is designed to allow easy and accurate positioning of the dies during the crimping operation.
Lugs are electrolytically tin-plated to eliminate oxidation of the copper material. Color-Keyed metric lugs complement our connector family and meet a growing need for customer's connector requirements. Details of the appropriate crimping tools and dies are included. Our ABB sales representative group is always available to provide any technical advice required. Please contact them if sizes are needed additional to those shown in this catalogue.

One-hole metric lugs

	Cond. size mm²			Dimensions (mm)									
Cat. no.	Low stranded	Flexible	Stud (mm)	Ø1	B	M	N	L	D	Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)	26-tons TBM26MCC (crimps)
MCC6M4*	–	4 ÷ 6	4	3.6	8.0	5.0	4.0	21.5	4.3	100	MCD6-6 (1)	–	–
MCC6M5*	–	4 ÷ 6	5	3.6	9.0	6.5	6.0	25.0	5.3	100	MCD6-6 (1)	–	–
MCC6M6*	–	4 ÷ 6	6	3.6	11.0	7.0	6.0	25.5	6.4	100	MCD6-6 (1)	–	–
MCC10M4	–	10	4	4.6	10.0	5.0	4.0	22.5	4.3	100	MCD10-6 (1)	MCD10-14 (1)	–
MCC10M5	–	10	5	4.6	10.0	6.5	6.0	26.0	5.3	100	MCD10-6 (1)	MCD10-14 (1)	–
MCC10M6	–	10	6	4.6	11.0	7.0	6.0	26.5	6.4	100	MCD10-6 (1)	MCD10-14 (1)	–
MCC10M8	–	10	8	4.6	15.0	9.0	8.0	30.5	8.4	100	MCD10-6 (1)	MCD10-14 (1)	–
MCC10M10	–	10	10	4.6	18.0	11.0	10.0	34.5	10.5	100	MCD10-6 (1)	MCD10-14 (1)	–
MCC16M4	–	16	4	5.8	11.5	5.0	4.0	25.5	4.3	100	MCD16-6 (1)	MCD16-14 (1)	–
MCC16M5	–	16	5	5.8	11.5	6.5	6.0	29.0	5.3	100	MCD16-6 (1)	MCD16-14 (1)	–
MCC16M6	–	16	6	5.8	11.5	7.0	6.0	29.5	6.4	100	MCD16-6 (1)	MCD16-14 (1)	–
MCC16M8	–	16	8	5.8	15.0	9.0	8.0	33.5	8.4	100	MCD16-6 (1)	MCD16-14 (1)	–
MCC16M10	–	16	10	5.8	18.0	11.0	10.0	37.5	10.5	100	MCD16-6 (1)	MCD16-14 (1)	–
MCC25M5	–	25	5	7.0	14.0	6.5	6.0	31.5	5.3	100	MCD25-6 (1)	MCD25-14 (1)	–
MCC25M6	–	25	6	7.0	14.0	7.0	6.0	32.0	6.4	100	MCD25-6 (1)	MCD25-14 (1)	–
MCC25M10	–	25	10	7.0	18.0	11.0	10.0	40.0	10.5	100	MCD25-6 (1)	MCD25-14 (1)	–
MCC35M5	35	25, 35	5	8.9	17.0	6.5	6.0	34.0	5.3	100	MCD35-6 (1)	MCD35-14 (1)	–
MCC35M6	35	25, 35	6	8.9	17.0	7.0	6.0	34.5	6.4	100	MCD35-6 (1)	MCD35-14 (1)	–
MCC35M8	35	25, 35	8	8.9	17.0	9.0	8.0	38.5	8.4	100	MCD35-6 (1)	MCD35-14 (1)	–
MCC35M10	35	25, 35	10	8.9	19.0	11.0	10.0	42.5	10.5	100	MCD35-6 (1)	MCD35-14 (1)	–
MCC35M12	35	25, 35	12	8.9	21.0	14.0	12.0	47.5	13.2	100	MCD35-6 (1)	MCD35-14 (1)	–
MCC50M8	50	35, 50	8	10.0	19.0	19.0	8.0	42.5	8.4	50	MCD50-6 (1)	MCD50-14 (1)	–
MCC50M10	50	35, 50	10	10.0	20.0	11.0	10.0	46.5	10.5	50	MCD50-6 (1)	MCD50-14 (1)	–
MCC50M12	50	35, 50	12	10.0	21.0	14.0	12.0	51.5	13.2	50	MCD50-6 (1)	MCD50-14 (1)	–

Diagram



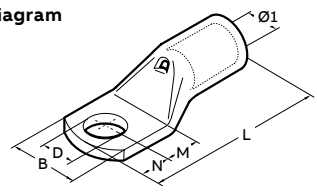
* UL not applicable.

Compression connectors for copper conductors

One-hole metric lugs (continued)

Cat. no.	Cond. size mm² Low stranded	Cond. size mm² Flexible	Stud (mm)	Dimensions (mm) Ø1	B	M	N	L	D	Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)	26-tons TBM26MCC (crimps)
MCC70M6	70	50, 70	6	11.3	21.0	8.0	7.0	44.0	6.4	50	MCD70-6 (1)	MCD70-14 (1)	–
MCC70M8	70	50, 70	8	11.3	21.0	9.0	8.0	46.0	8.4	50	MCD70-6 (1)	MCD70-14 (1)	–
MCC70M10	70	50, 70	10	11.3	21.0	11.0	10.0	50.0	10.5	50	MCD70-6 (1)	MCD70-14 (1)	–
MCC70M12	70	50, 70	12	11.3	22.0	14.0	12.0	55.0	13.2	50	MCD70-6 (1)	MCD70-14 (1)	–
MCC70M16	70	50, 70	16	11.3	26.0	18.0	16.0	63.0	17.0	50	MCD70-6 (1)	MCD70-14 (1)	–
MCC95M8	95	70, 95	8	13.5	25.0	9.0	8.0	52.5	8.4	50	MCD95-6 (1)	MCD95-14 (1)	–
MCC95M10	95	70, 95	10	13.5	25.0	11.0	10.0	56.5	10.5	50	MCD95-6 (1)	MCD95-14 (1)	–
MCC95M12	95	70, 95	12	13.5	25.0	14.0	12.0	61.5	13.2	50	MCD95-6 (1)	MCD95-14 (1)	–
MCC120M6*	120	95, 120	8	–	–	–	–	–	6.4	25	MCD120-6 (1)	MCD120-14 (1)	–
MCC120M8	120	95, 120	8	15.2	28.5	9.0	8.0	54.0	8.4	25	MCD120-6 (1)	MCD120-14 (1)	–
MCC120M10	120	95, 120	10	15.2	28.5	11.0	10.0	58.0	10.5	25	MCD120-6 (1)	MCD120-14 (1)	–
MCC120M12	120	95, 120	12	15.2	28.5	14.0	12.0	63.0	13.2	25	MCD120-6 (1)	MCD120-14 (1)	–
MCC120M16	120	95, 120	16	15.2	28.5	18.0	16.0	71.0	17.0	25	MCD120-6 (1)	MCD120-14 (1)	–
MCC150M10	150	120, 150	10	15.2	28.5	18.0	16.0	71.0	17.0	25	MCD150-6 (3)	MCD150-14 (1)	–
MCC150M12	150	120, 150	12	16.7	31.5	16.0	14.0	75.0	13.2	25	MCD150-6 (3)	MCD150-14 (1)	–
MCC150M16	150	120, 150	16	16.7	31.5	19.0	17.0	81.0	17.0	25	MCD150-6 (3)	MCD150-14 (1)	–
MCC185M10	185	150, 185	10	19.2	35.5	13.0	11.0	76.0	10.5	25	MCD185-6 (3)	MCD185-14 (1)	–
MCC185M12	185	150, 185	12	19.2	35.5	16.0	14.0	82.0	13.2	25	MCD185-6 (3)	MCD185-14 (1)	–
MCC185M16	185	150, 185	16	19.2	35.5	19.0	17.0	88.0	17.0	15	MCD185-6 (3)	MCD185-14 (1)	–
MCC240M10	240	185, 240	10	21.1	39.0	13.0	11.0	82.0	10.5	15	MCD240-6 (3)	MCD240-14 (2)	–
MCC240M12	240	185, 240	12	21.1	39.0	16.0	14.0	88.0	13.2	15	MCD240-6 (3)	MCD240-14 (2)	–
MCC240M16	240	185, 240	16	21.1	39.0	19.0	17.0	94.0	17.0	15	MCD240-6 (3)	MCD240-14 (2)	–
MCC300M10	300	240	10	23.7	44.0	13.0	11.0	96.0	10.5	10	–	MCD300-14 (3)	–
MCC300M12	300	240	12	23.7	44.0	16.0	14.0	99.0	13.2	10	–	MCD300-14 (3)	–
MCC300M16	300	240	16	23.7	44.0	19.0	19.0	10.0	17.0	10	–	MCD300-14 (3)	–
MCC400M10*	400	300	10	27.0	51.0	22.0	19.0	113.0	13.2	5	–	MCD400-14 (3)	MCD400-26 (2)
MCC400M12	400	300	12	27.0	51.0	22.0	19.0	113.0	13.2	5	–	MCD400-14 (3)	MCD400-26 (2)
MCC400M16	400	300	16	27.0	51.0	22.0	19.0	113.0	17.0	5	–	MCD400-14 (3)	MCD400-26 (2)
MCC500M10*	500	400	10	–	–	–	–	–	13.2	5	–	–	MCD500-26 (2)
MCC500M12*	500	400	12	–	–	–	–	–	17.0	5	–	–	MCD500-26 (2)
MCC500M16	500	400	16	30.3	56.5	22.0	19.0	117.0	17.0	5	–	–	MCD500-26 (2)
MCC630M16	630	500	16	33.4	61.6	22.0	19.0	128.0	17.0	6	–	–	MCD630-26 (2)
MCC630M20	630	500	20	33.4	61.6	24.0	23.0	134.0	21.0	6	–	–	MCD630-26 (2)
MCC800M16	800	630	16	38.0	72.0	24.0	19.0	141.0	17.0	3	–	–	–
MCC800M20	800	630	20	38.0	72.0	24.0	23.0	145.0	21.0	3	–	–	–
MCC1000M16	1,000	800	16	44.0	80.0	24.0	19.0	158.0	17.0	2	–	–	–
MCC1000M20	1,000	800	20	44.0	80.0	24.0	23.0	162.0	21.0	2	–	–	–

Diagram



* UL not applicable.

Compression connectors for copper conductors

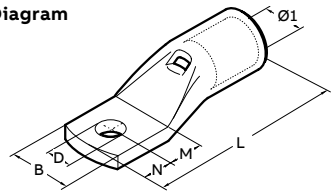
Narrow-tongue metric lugs
Color-Keyed narrow-tongue metric lugs feature a contained tongue width.
Our lugs have been specifically developed for applications with low voltage circuit breakers with reduced space requirements. The tongue width allows a quicker and easier installation.
Color-Keyed narrow-tongue metric lugs are manufactured from electrolytic copper tube.

The specific design of the barrel and dimensions create the best combination of mechanical strength and electrical conductivity.
Color-Keyed narrow-tongue metric lugs are annealed to guarantee optimum ductility and are electrolytically tin-plated to avoid oxidation.
The barrel is provided with an internal chamfer for easy insertion of the conductor.
The length allows easy positioning of the dies for proper crimping.

Narrow-tongue metric lugs

Cat. no.	Cond. size flexible (mm²)	Stud (mm)	Dimensions (mm) Ø1	B	M	N	L	D	Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)
MCCNT10M5	10	5	4.6	9.0	6.5	6.0	26.0	5.3	100	MCD10-6 (1)	MCD10-14 (1)
MCCNT16M5	16	5	5.8	9.0	6.5	6.0	29.0	5.3	100	MCD16-6 (1)	MCD16-14 (1)
MCCNT25M5	25	5	7.0	9.0	6.5	6.0	31.5	5.3	100	MCD25-6 (1)	MCD25-14 (1)
MCCNT35M6	35	6	8.9	11.5	8.0	7.0	36.5	6.4	100	MCD35-6 (2)	MCD35-14 (1)
MCCNT50M6	50	6	10.0	11.5	8.0	7.0	40.5	6.4	50	MCD50-6 (1)	MCD50-14 (1)
MCCNT70M6	70	6	11.3	11.5	8.0	7.0	44.0	6.4	50	MCD70-6 (2)	MCD70-14 (1)
MCCNT95M8	95	8	13.5	15.5	9.0	8.0	52.5	8.0	25	MCD95-6 (1)	MCD95-14 (1)
MCCNT120M8	120	8	15.2	19.0	14.0	9.0	60.0	8.4	25	MCD120-6 (2)	MCD120-14 (1)
MCCNT120M10	120	10	15.2	19.0	14.0	9.0	60.0	10.5	25	MCD120-6 (2)	MCD120-14 (1)
MCCNT150M8	150	8	16.7	19.0	18.0	9.0	70.0	8.4	25	MCD150-6 (3)	MCD150-14 (1)
MCCNT150M10	150	10	16.7	19.0	18.0	9.0	70.0	10.5	25	MCD150-6 (3)	MCD150-14 (1)
MCCNT185M10	185	10	19.2	24.5	18.0	9.0	77.0	10.5	25	MCD185-6 (3)	MCD185-14 (1)
MCCNT240M10	240	10	21.1	31.0	13.0	9.0	80.0	10.5	15	MCD240-6 (3)	MCD240-14 (1)
MCCNT240M12	240	12	21.1	31.0	16.0	12.0	86.0	13.2	15	MCD240-6 (3)	MCD240-14 (1)
MCCNT240M16	240	16	21.1	31.0	19.0	17.0	94.0	17.0	15	MCD240-6 (3)	MCD240-14 (1)
MCCNT300M12	300	12	23.7	31.0	16.0	12.0	95.0	13.2	10	–	MCD300-14 (3)

Diagram



Compression connectors for copper conductors

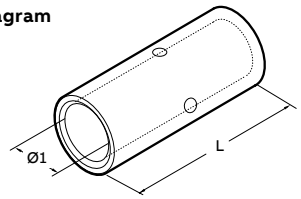
Two-way metric splice connectors
Color-Keyed metric splice connectors are designed for joining low voltage conductors.
Made of electrolytic copper tube having similar dimensions to the Color-Keyed metric lugs, these connectors are also annealed and electrolytically tin-plated.

They feature an internal chamfer at both ends. For easy insertion of the conductor, a center stop is provided to ensure correct positioning.

Two-way metric splice connectors

	Cond. size (mm²)		Dimensions (mm)					
Cat. no.	Low stranded	Flexible	Ø1	L	Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)	26-tons TBM26MCC (crimps)
MCST1	0.25 ÷ 1.5	0.25 ÷ 1.5	1.8	15	100	–	–	–
MCST2	1.5 ÷ 2.5	1.5 ÷ 2.5	2.4	15	100	–	–	–
MCST6	4 ÷ 6	4 ÷ 6	3.6	22	100	MCD6-6 (1 +1)	–	–
MCST10	10	10	4.6	25	100	MCD10-6 (1 +1)	MCD10-14 (1 +1)	–
MCST16	16	16	5.8	27	100	MCD16-6 (1 +1)	MCD16-14 (1 +1)	–
MCST25	25	25	7.0	29	100	MCD25-6 (1 +1)	MCD25-14 (1 +1)	–
MCST35	35	25 ÷ 35	8.9	332	100	MCD35-6 (1 +1)	MCD35-14 (1 +1)	–
MCST50	50	35 ÷ 50	10.0	37	50	MCD50-6 (2 +2)	MCD50-14 (1 +1)	–
MCST70	70	50 ÷ 70	11.3	39	50	MCD70-6 (2 +2)	MCD70-14 (1 +1)	–
MCST95	95	70 ÷ 95	13.5	43	25	MCD95-6 (2 +2)	MCD95-14 (1 +1)	–
MCST120	120	95 ÷ 120	15.2	47	25	MCD120-6 (2 +2)	MCD120-14 (1 +1)	–
MCST150	150	120 ÷ 150	16.7	58	25	MCD150-6 (3 +3)	MCD150-14 (1 +1)	–
MCST185	185	150 ÷ 85	19.2	64	25	MCD185-6 (3 +3)	MCD185-14 (1 +1)	–
MCST240	240	185 ÷ 240	21.1	75	15	MCD240-6 (3 +3)	MCD240-14 (2 +2)	–
MCST300	300	240	23.7	90	10	–	MCD300-14 (3 +3)	–
MCST400	400	300	27.0	94	5	–	MCD400-14 (3 +3)	MCD400-26 (2 +2)
MCST500	500	400	30.3	98	6	–	–	MCD500-26 (2 +2)
MCST630	600 ÷ 630	500	33.4	105	6	–	–	MCD630-26 (2 +2)
MCST800	800	600	38.0	112	3	–	–	–
MCST1000	1,000	800	44.0	120	3	–	–	–

Diagram



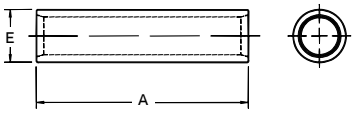
Compression connectors for copper conductors

Material – High conductivity wrought copper
Finish – Electro tin plated
Two-way connectors provide high pullout values, are easy to insulate and provide a low-resistance connection of high quality and low installed cost.

Two-way splice connectors – Standard barrel certified to 600 V and recommended up to 35 kV¥

Cat. no.	Code cable (AWG or kcmil)	Wire size Flex cable classes G, H, I, K, M*	Dimensions in. (mm) A	 E	Die set cat. no.	Colour code
54504	#8	#8 AWG, 37/24, #8 Weld	1.00 (25.4)	0.27 (6.9)	21	Red
54505	#6	#6 AWG, 61/24, #6 Weld, 133/0.014	1.00 (25.4)	0.30 (7.6)	24	Blue
54506	#4	#4 AWG, 91/24, 133/0.0177, 49/0.029	1.00 (25.4)	0.37 (9.4)	29	Grey
54507	#2	125/24, #4 Weld	1.25 (31.8)	0.41 (10.4)	33	Brown
54508	#1	#2 AWG, 150/24, 175/24, #2 Weld, 133/0.0223	1.50 (38.1)	0.47 (11.9)	37	Green
54509	1/0	225/24, #1 Weld, 133/0.0254	1.63 (41.4)	0.52 (13.2)	42	Pink
54510	2/0	1/0 AWG, 275/24, 1/0 Weld, 427/0.0155, 133/0.0282	1.75 (44.5)	0.57 (14.5)	45	Black
54511	3/0	2/0 AWG, 325/24, 2/0 Weld, 133/0.0316, 259/0.0227, 427/0.0177	1.75 (44.5)	0.63 (16.0)	50	Orange
53962	–	375/24, 179 kcmil, 133/0.0355, 259/0.0255, 427/0.0199	1.81 (46.0)	0.70 (17.8)	50	
54512	4/0	3/0 AWG, 450/24, 3/0 Weld, 703/0.0154	1.88 (47.8)	0.70 (17.8)	54	Purple
54513	250	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.25 (57.2)	0.77 (19.6)	62	Yellow
53964	–	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.13 (54.1)	0.79 (20.1)	62	
54514	300	–	2.13 (54.1)	0.83 (21.1)	66	White
54515	350	–	2.25 (57.2)	0.90 (22.9)	71	Red
54516	400	–	2.75 (69.9)	0.93 (23.6)	76	Blue
53968	–	300 kcmil, 775/24 (313 kcmil)	3.00 (76.2)	1.13 (28.7)	87	Brown
54518	500	–	2.75 (69.9)	1.11 (28.2)	87	
54520	600	–	3.00 (76.2)	1.18 (30.0)	94	Green
54522-TB	700	–	3.25 (82.6)	1.23 (31.2)	99	Pink
53969	–	1325/24 = 500/535 kcmil, 427/0.0342	3.00 (76.2)	1.24 (31.5)	99	
54523-TB	750	–	3.00 (76.2)	1.30 (33.0)	106	Black
54528	1,000		3.63 (92.2)	1.50 (38.1)	125	–
54530	1,250		4.13 (104.9)	1.67 42.4)	140	

Diagram



¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
*Consult your regional sales office for complete list of flex cable class sizes M.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

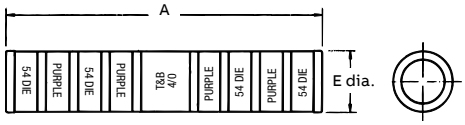
Compression connectors for copper conductors

Material – High conductivity wrought copper
Finish – Electro tin plated

Two-way splice connectors – Long barrel certified to 600 V and recommended up to 35 kV[¥]

Cat. no.	Code cable (AWG or kcmil)	Wire size Flex cable classes G, H, I, K, M	Dimensions in. (mm) A	E	Die code	Colour code
54804	#8	#8, 37/24 = 14.9 kcmil	1.75 (44.5)	0.27 (6.9)	21	Red
54805	#6	#6, 61/24 = 24.6 kcmil	1.75 (44.5)	0.31 (7.9)	24	Blue
54806	#4	#4, 91/24 = 36.7 kcmil	1.75 (44.5)	0.39 (9.9)	29	Grey
54807	#2	125/24 = 50.4 kcmil	1.88 (47.8)	0.43 (11.0)	33	Brown
54808	#1	#2, 150/24 = 60.5 kcmil, 175/24 = 70.6 kcmil	2.00 (50.8)	0.49 (12.4)	37	Green
54809	1/0	225/24 = 90.8 kcmil	2.00 (50.8)	0.54 (13.7)	42	Pink
54810	2/0	1/0, 275/24 = 111 kcmil	2.13 (54.1)	0.59 (15.0)	45	Black
54811	3/0	2/0, 325/24 = 131 kcmil	2.25 (57.2)	0.65 (16.5)	50	Orange
54812	4/0	450/24 = 182 kcmil	2.75 (69.9)	0.72 (18.3)	54	Purple
54813	250	4/0, 550/24 = 222 kcmil	3.38 (85.9)	0.79 (20.1)	62	Yellow
54814	300	250, 650/24 = 262 kcmil	3.50 (88.9)	0.87 (22.1)	66	White
54815	350	–	3.75 (95.3)	0.95 (24.1)	71	Red
54816	400	775/24 = 313 kcmil	3.75 (95.3)	0.98 (24.9)	76	Blue
54818	500	350, 925/24 = 373 kcmil	4.75 (120.6)	1.11 (28.2)	87	Brown
54820	600	1,100/24 = 444 kcmil	4.25 (108.0)	1.21 (30.7)	94	Green
54823	750	500, 1,325/24 = 535 kcmil	4.75 (120.6)	1.34 (34.0)	106	Black
58524	750	1,600/24 = 646 kcmil	5.00 (127.0)	1.39 (35.3)	106	
58526*	900	750, 1,925/24 = 777 kcmil	5.50 (139.7)	1.51 (38.4)	115	Yellow
54828	1,000	–	5.63 (143.0)	1.56 (39.6)	125	–
54833	1,500	–	5.63 (143.0)	1.56 (39.6)	125	
54839	2,000	–	7.06 (179.3)	2.13 (54.1)	–	

Diagram



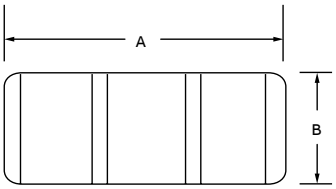
[¥] For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.
CSA approved standard cable only.

Compression connectors for copper conductors

Copper two-way splice – Certified to 600 V and recommended up to 15 kV

Cat. no.	Cable size (AWG or kcmil)**	Dimensions in. (mm) A	B	Installing tools 14 and 15-tons* Die set Cat. no.	Strip length (in.)	Colour code
54006-TB	#4	2.00 (50.8)	0.37 (9.4)	15CA29R	1½	Grey
54007-TB	#2	2.13 (54.1)	0.41 (10.4)	15CA33R	1⅝	Brown
54008-TB	#1	2.25 (57.2)	0.47 (11.9)	15CA37R	1⅝	Green
54009-TB	1/0	2.38 (60.5)	0.52 (13.2)	15CA42R	1¾	Pink
54010	2/0	2.38 (60.5)	0.57 (14.5)	15CA45R	1¾	Black
54011	3/0	2.63 (66.8)	0.63 (16.0)	15CA49R	1 13/16	Orange
54012-TB	4/0	2.69 (68.3)	0.69 (17.5)	15CA54R	1 13/16	Purple
54013	250	3.19 (81.0)	0.74 (18.8)	15CA60R	2⅛	Ruby
54015	350	4.13 (104.9)	0.89 (22.6)	15CA71R	2⅝	Red
54018	500	4.13 (104.9)	1.06 (40.6)	15CA87R	2⅝	Brown
54023	750	4.75 (120.7)	1.30 (33.0)	15CA106R	2⅞	Black

Diagram



*Cat. no. 15505-TB die adaptor required for TBM15I.
** Cable size: Concentric and compact strandings.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Material – Cast copper
Finish – Electro tin plated

Cast–copper two-way splice connectors – heavy-duty certified to 600 V and recommended up to 35 kV¥

Cat. no.	Cable size (AWG or kcmil)	Die code
53504	#8	29
53505	#6	29
53506	#4	29
53507	#2	45
53508	#1	45
53509	1/0	45
53510	2/0	66
53511	3/0	66
53512	4/0	66
53513	250	76
53515	350	99
53518	500	99
53523	750	112

¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
Use hydraulic tools with hex dies 13642M, 13400 and 21940.
For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

Compression connectors for copper conductors

Constant O.D. enables faster, easier installation than contoured design

Cast-copper reducing splices

ABB takes the splicing of different-sized conductors to a new level of economy and efficiency with Color-Keyed cast-copper reducing splices. In addition to a lower cost, the key benefit to these splices is in their constant outer diameter. Unlike screw-machined, externally contoured splices, cast-copper reducing splices require no change of tool or die between crimping each end. Just slide each wire easily into the chamfered barrel and use the same Color-Keyed tool and die to crimp both ends. The consistent O.D. also makes these splices faster and easier to insulate with clear heat-shrink wrap than a contoured splice. Sand-cast construction ensures high-tensile strength for heavy-duty applications and tin-plated copper material provides high conductivity and superior corrosion resistance.

- Ideal for telecom (inside office/outside plant), commercial, industrial MRO and any other certified to 600 V and recommended up to 35 kV¥ applications requiring splicing of different-sized conductors.
- Tin-plated, sand-cast copper construction provides superior tensile strength, high conductivity and excellent corrosion resistance.
- Easier to install and insulate than screw-machined, contour-designed reducing splices.
- Constant O.D. saves time on installation by eliminating the need for crimp-tool/die change.
- Fast and simple to insulate with clear or coloured heat-shrink wrap.
- Chamfered barrel facilitates easy wire insertion.
- Compact, low-profile design takes up minimal space in cable tray or wire run.
- Simple installation with Color-Keyed crimp tools (12, 14 and 15 ton).

Cast-copper reducing splices

Cat. No.	Cond.1 size (AWG or kcmil)	Cond. 2 size (AWG or kcmil)	Length in. (mm)	Dia. in. (mm)	Die Code	Colour Code
251-30485-19	4/0 Str.	2 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-91	500 kcmil Str.	300 kcmil Str.	3.31 (84.1)	0.81 (20.6)	99	Pink
251-30485-229	2/0 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-247	2 Str.	8 Str.	0.56 (14.2)	0.59 (15.0)	45	Black
251-30485-294	4 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-295	4/0 Str.	4 Str.	2.25 (57.2)	0.81 (20.6)	66	
251-30485-331	4/0 Str.	350 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-445	4/0 Str.	2/0 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-495	1/0 Str.	2 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-610	6 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-611	4 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-612	4 Str.	6 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-613	2 Str.	6 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-640	4/0 Str.	1/0 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-653	2 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-739	1/0 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	
251-30485-882	400 kcmil Str.	350 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-950	1/0 Str.	6 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-951	6 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-1027	1/0 Str.	4 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1029	1/0 Str.	#12 Str.	1.56 (39.6)	0.57 (14.5)	45	
251-30485-1030	10 Str.	4 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1031	12 Str.	4 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1032	#6 Str.	#10 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1033	12 Str.	6 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1034	14 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1035	1 Str.	1/0 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1044	10 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1045	12 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1085	10 Str.	1/0 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1086	10 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-1087	4 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-1088	400 kcmil Str.	250 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-1089	14 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1090	12 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1091	10 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1092	12 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1093	8 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1094	4 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1095	2 Str.	6 Sol.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1096	12 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1097	10 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1098	8 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1099	6 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	
251-30485-1100	1/0 Str.	4 Sol.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1130	Cast Copper*	12–4 Str.	1.28 (32.5)	0.38 (9.7)	29	
251-30485-1245	1/0 Flex	#4 Flex	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-1246	#4 Flex	#8 Flex	1.56 (39.6)	0.57 (14.5)	45	Black

¥ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.
* Cast copper – field-modifiable special.