

CROSS REFERENCE


Burndy® to ABB®

Color-Keyed® compression and
Blackburn® mechanical connectors




Compression lugs and splices


One-hole standard-barrel lugs

	Burndy part no.	ABB cat. no.
	YA8CLBOX 8AWG COP 1H LUG	54104
	YA8CL1BOX 8AWG COP 1H LUG	54130
	YA8CL2BOX 8AWG COP 1H LUG	54131
	YA8CL3BOX 8AWG COP 1H LUG	54132
	YA6CLBOX 6AWG COP 1H LUG	54105
	YA6CL1BOX 6AWG COP 1H LUG	54134
	YA6CL3BOX 6AWG COP 1H LUG	54135
	YA6CL4BOX 6AWG COP 1H LUG	54136
	YA4CL1BOX 4AWG COP 1H LUG	54138
	YA4CL3BOX 4AWG COP 1H LUG	54139
	YA4CL4BOX 4AWG COP 1H LUG	54140
	YA3CL 3AWG COP 1H LUG	54142-TB
	YA2CLBOX 2AWG COP 1H LUG	54142-TB
	YA2CL2BOX 2AWG COP 1H LUG	54107
	YA2CL4BOX 2AWG COP 1HLUG	54143TB
	YA1CLBOX 1AWG COP 1H LUG	54147
	YA1CL4BOX 1AWG COP 1H LUG	54148
	YA1CL6BOX 1AWG COP 1H LUG	54150
	YA25LBOX 1/0AWG COP 1H LUG	54153TB
	YA25L4BOX 1/0 AWG COP 1H LUG	54109
	YA25L6BOX 1/0AWG COP 1H LUG	54155TB
	YA26LBOX 2/0AWG COP 1H LUG	54110
	YA26L6BOX 2/0AWG COP 1H LUG	54160
	YA27L4BOX 3/0AWG 1H LUG	54111
	YA27LBOX 3/0AWG COP 1H LUG	54165-TB
	YA28LBOX 4/0AWG COP 1H LUG	54170
	YA28L4BOX 4/0AWG COP 1H LUG	54112
	YA29LBOX 250MCM COP 1H LUG	54113
	YA31LTC38FX HYLUG 1 H LUG	256-30695-112


Two-hole standard-barrel lugs

	Burndy part no.	ABB cat. no.
	YA6C2N 6AWG COP 2H LUG	54105
	YA4C2N 4AWG COP 2H LUG	256-30695-733
	YA2C2N 2AWG COP 2H LUG	54811BE
	YA1C2N 1AWG COP 2H LUG	54857BE
	YA252N 1/0AWG COP 2H LUG	256-30695-593
	YA262N 2/0AWG COP 2H LUG	54862BE
	YA272N 3/0AWG COP 2H LUG	54864BE
	YA282N 4/0AWG COP 2H LUG	54866BE
	YA292N 250MCM COP 2H LUG	54868BE
	YA302N 300MCM COP 2H LUG	54870BE
	YA312N 350MCM COP 2H LUG	54872BE
	YA342N 500MCM COP 2H LUG	54876BE
	YA362N 600MCM COP 2H LUG	54878BE
	YA392N 750MCM COP 2H LUG	54880BE


One-hole long-barrel lugs

	Burndy part no.	ABB cat. no.
	YA6C 6AWG COP 1H LUG	54905BE
	YA4C 4AWG COP 1H LUG	54906BE
	YA3C 3AWG COP 1H LUG	54942BE
	YA2C 2AWG COP 1H LUG	54942BE
	YA1C 1AWG COP 1H LUG	54947BE
	YA25 1/0AWG COP 1H LUG	54949BE
	YA26 2/0AWG COP 1H LUG	54910BE
	YA27 3/0AWG COP 1HLUG	54965BE
	YA28 4/0AWG COP 1H LUG	54970BE
	YA29 250MCM COP 1H LUG	54913BE
	YA31 350MCM COP 1H LUG	54915BE
	YA34 500MCM COP 1H LUG	54919BE

Standard-barrel splices


	Burndy part no.	ABB cat. no.
	YS8CLBOX 8AWG COP BUTT SPLICE	54504
	YS6CLBOX 6AWG COP BUTT SPLICE	54505
	YS4CLBOX 4AWG COP BUTT SPLICE	54506
	YS2CLBOX 2AWG COP BUTT SPLICE	54507
	YS1CLBOX 1AWG COP BUTT SPLICE	54508
	YS25LBOX 1/0AWG COP BUTT SPLICE	54509
	YS27 3/0AWG COP BUTT SPLICE	54511
	YS29LBOX 250MCM BUTT SPLICE	54513

Long-barrel splices


	Burndy part no.	ABB cat. no.
	YS8C 8AWG COP BUTT SPLICE	54804
	YS6C 6AWG COP BUTT SPLICE	54805
	YS4C 4AWG COP BUTT SPLICE	54506
	YS2C 2AWG COP BUTT SPLICE	54807
	YS3C 3AWG COP BUTT SPLICE	54807
	YS1C 1AWG COP BUTT SPLICE	54808
	YS25 1/0 AWG COP BUTT SPLICE	54509
	YS26 2/0AWG COP BUTT SPLICE	54810
	YS28 4/0AWG COP BUTT SPLICE	54812
	YS29 250MCM COP BUTT SPLICE	54813
	YS31 350MCM COP BUTT SPLICE	54815
	YS34 500MCM COP BUTT SPLICE	54816
	YS36 600MCM COP BUTT SPLICE	54820

Compression splices, mechanical connectors and grounding clamps


Aluminum splices

	Burndy part no.	ABB cat. no.
	YS4CA1 4AWG ALCU BUTT SPLICE	60512
	YS2CA1 2AWG ALCU BUTT SPLICE	60516
	YS26A1 2/0 ALCU BUTT SPLICE	60536
	YS28A1 4/0 ALCU BUTT SPLICE	60548
	YS31A1 350MCM ALCU BUTT SPLICE	60565


Dual-rated mechanical connectors — 1 conductor

	Burndy part no.	ABB cat. no.
	KA6U 6STR.-14AWG, 1H	ADR6
	KA2U 2STR.-14AWG, 1H	ADR2
	KA25U 1/0STR.-14AWG, 1H	ADR11
	KA26U 2/0STR.-14AWG, 1H	ADR21
	KA29U 250KCMIL-6STR, 1H	ADR25
	KA31U 350KCMIL-6STR., 1H	ADR35
	KA34U 500KCMIL-4STR., 1H	ADR50
	72151-MSX	C-3
	72171-MSXP	C-3

Dual-rated mechanical connectors — 2 conductor

	Burndy part no.	ABB cat. no.
	K2A25U 1/0STR.-14AWG, 1H	ADR11-21
	K2A26U 2/0STR.-14AWG, 1H	ADR21-21
	K2A29U 250KCMIL-6STR., 1H	ADR25-21
	K2A31U 350KCMIL-6STR., 1H	ADR35-21
	KA40U 800KCMIL-300KCMIL, 1H	ADR80-21


Dual-rated mechanical connectors — 3 conductor

	Burndy part no.	ABB cat. no.
	K3A2U-2 2STR.-14AWG, 2H	ADR02-32
	K3A36U-2N 600KCMIL-2STR., 2H	ADR60-32D

AMT connectors


	Burndy part no.	ABB cat. no.
	2-port same side	
	BIT4 4-14STR.	AMTC4
	BIT2/0 2/0-14STR.	AMT20
	BIT250 250KCMIL-10STR.	AMT250
	2-port offset splice	
	BITO4 4-14STR.	AMTTC4
	BITO2/0 2/0-14STR.	AMTT20
	Multiport same side	
	BIBS4-4 4 PORT 4-14STR.	AMTS4144
	BIBS2/0-3 3 PORT 3/0-6STR.	AMTS3063
	BIBS250-3 3 PORT 250KCMIL-6STR.	AMTS25063
	BIBS-350-4 4 PORT 350KCMIL-6STR.	AMTS35064
	BIBS600-4 4 PORT 750-250KCMIL	AMTS7502504
	Multiport both sides	
	BIBD4-2 2 PORT 4-14STR.	AMTD4142
	BIBD2/0-3 3 PORT 3/0-6STR.	AMTD3063
	BIBD2/0-4 4 PORT 3/0-6STR.	AMTD3064
	Aluminum splice	
	BISR1/0 1/0-14STR.	AMTSR10
	BISR250 250KCMIL-6STR.	AMTSR250
	BISR500 500KCMIL-4STR.	AMTSR500

Grounding clamps

	Burndy part no.	ABB cat. no.
	C11K16D BRONZE, 1/2"-1" PIPE	JDLI
	GC15A ALUM., 1/2"-1" PIPE	AJ
	GC18A ALUM., 1-1/2"-2" PIPE	AJ2



Grounding clamps

	Burndy part no.	ABB cat. no.
	GRC12 FOR 1/2" ROD	G4
	GRC58 FOR 5/8" ROD	G5
	GRC34 FOR 3/4" ROD	G6

H-taps, mechanical connectors, compression grounding connectors and grounding clamps

H taps



Burndy part no.	ABB cat. no.
YHO1 2-6 MAIN WITH 2-6 TAP	WR159
YHO2 2-1/0 MAIN WITH 6-2 TAP	WR189
YHD3 1/0-2/0 MAIN WITH 6-2 TAP	WR289
YHD4 1-2/0 MAIN WITH 1-2/0 TAP	WR279
YHD5 3/0-4/0 MAIN WITH 6-2 TAP	WR379
YHD6 3/0-4/0 MAIN WITH 1-2/0 TAP	WR399
YHD7 3/0-4/0 MAIN WITH 3/0-4/0 TAP	WR419

Copper mechanical connectors



Burndy part no.	ABB cat. no.
KA8C 1 COND. 8STR.-14SOL., 1H	L35
KA4C 1 COND. 4STR.-14SOL., 1H	L70
KA25 1 COND. 1/0STR.-8SOL., 1H	L125BB
KA28 1 COND. 250KMIL-6STR., 1H	L250
KA34 1 COND. 500KMIL-4/0STR., 1H	L400BB

Lay-in lugs



Burndy part no.	ABB cat. no.
BGBL250 250KMIL-6AWG	LL2506
BGBL-4 4-14AWG	LL414

C-taps



Burndy part no.	ABB cat. no.	Die part no.
YGHC2C2	CTP22	HBKC
YGHC26C2	CTP202	15501A
YGHC26C26	CTP2020	15501A
YGHC29C26	CTP25020	15G86R
YGHC29C29	CTP250250	15G86R
YGHC34C26	CTP50020	15G121R
YGHC34C29	CTP500250	15G121R
YGHC34C34	CTP500500	15G121R

Figure 6 to 6 compression ground grid connectors



Burndy part no.	ABB cat. no.	Die part no.
YGL2C2	54855L	15501A
YGL29C2	54856L	15G86R, 15501A
YGLC29C29	54875L	15G86R
YGL34C2	54885L	15G126R, 15501A
YGL34C29	54895L	15G126R, 15G86R
YGL34C34	54900L	15G121R

Figure 6 compression ground tap connectors



Burndy part no.	ABB cat. no.	Die part no.
YGHPC29C2	54855	15G86R
YGHP29C26	54860	15G86R
YGHP29C29	54865CK	15G86R
YGHP34C26	54890	15G126R
YGHP34C29	54895	15G126R
YGHP34C34	54900	15G126R

Dual-rated splicer/reducer



Burndy part no.	ABB cat. no.	Wire size (AWG or kcmil)	
		Max	Min
AMS2	ASR0214	#2	#14
AMS0	ASR1114	1/0	#14
AMS250	ASR2506	250	#6
AMS350	ASR3506	350	#6
AMS750	ASR7525	750	250

U-bolt and water pipe clamps



Burndy part no.	ABB cat. no.
GAR1429	GUV7825
GAR3903	3903
GAR3905	3905

GUV



3903

Insulation piercing connectors and split bolts

Insulation piercing connectors



Burndy part no.	ABB cat. no.	Wire size (AWG or kcmil)	
		Main	Tap
BIPC1/0-2	IPC1102	1/0-#8	#2-#8
BIPC4/0-6	IPC4111	4/0-1/0	1/0-#6
BIPC4/0-1/0	IPC4141	4/0-1/0	4/0-1/0
—	IPC5041	500-350	4/0-#4
BIPC350-350	IPC3535	350-4/0	350-4/0
BIPC500-4/0	IPC3541	350-4/0	4/0-10

Insulation piercing connectors



Burndy part no.	ABB cat. no.	Wire size (AWG or kcmil)	
		Equal main & tap	Min. tap w/ 1 main max.
KS90	9H	#10-#12	#14 sol
KS15	8H	#8-#10	#14 sol
KS17	6H	#6-#8	#14 sol
KS20	4H	#4-#8	#14 sol
KS22	2H	#2-#6	#14 sol
KS25	10H	1/0-#4	#14 sol
KS26	20H	2/0-#2	#14 sol
KS27	30H	4/0-#2	#6 sol
KS29	40H	250-#1	#8
KS31	350M	350-250	1/0 str
KS34	500M	500-400	2/0 str
KS39	750M	1000-800	4/0 str

Dual-rated split bolts



Burndy part no.	ABB cat. no.
KSU17	6HPS
KSU20	4HPS
KSU22	2HPS
KSU23	1HPS
KSU25	10HPS
KSA1/0	APS11



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