

EZGround

Grounding systems

Figure 6
Compression ground tap connectors

Main	Tap	Dies for TBM14M, 13100A or TBM15I (compression)			IlSCO
		ABB	Burndy	IlSCO	
1/0 str. - 250 kcmil or 1/2 - 5/8 in. rod	1/0 str. - 2/0 str.	15G86R (1)	54860	YGHP29C2	GGC-2
#6 sol. - #2 str.	3/0 str. - 250 kcmil	15G86R (1)	54865CK	YGHP29C26	GGC-3
	#6 sol. - #2 str.	15501A (1)	54875	YGHP29C29	GGC-4
	#4 sol. - #2 str.	15G126R (1)	54885	YGHP34C2	GGC-5
250 - 500 kcmil or 5/8 - 3/4 in. rod	1/0 str. - 2/0 str.	15G126R (1)	54890	YGHP34C26	GGC-6
	3/0 str. - 250 kcmil	15G126R (1)	54895	YGHP34C34	GGC-7
	350 - 500 kcmil	15G121R (3)	54900	YGHP34C29	GGC-8

Figure 8
Compression ground rod tap connectors

Ground rod (in.)	Cable Range	Dies for TBM14M, 13100A or TBM15I (compression)			IlSCO
		ABB	Burndy	IlSCO	
1/2	2 AWG - 2/0 AWG	15G121R (2)	GR12-202	YHR26C12	RLT-2
5/8	2 AWG - 2/0 AWG	15G121R (2)	GR58-202	YHR26C58	RLT-3
3/4	2 AWG - 2/0 AWG	15G121R (2)	GR34-202	YHR26C34	RLT-4
1	2 AWG - 2/0 AWG	15G121R (2)	GR1-202	YHR26C100	RLT-10
1/2	3/0 AWG - 250 kcmil	15G121R (2)	GR12-40250	YHR29C12	RLT-5
5/8	3/0 AWG - 250 kcmil	15G121R (2)	GR58-40250	YHR29C58	RLT-6
3/4	3/0 AWG - 250 kcmil	15G121R (2)	GR34-40250	YHR29C34	RLT-7
1	3/0 AWG - 250 kcmil	15G121R (2)	GR1-40250	YHR29C100	RLT-11
5/8	300 - 500 kcmil	15G121R (2)	GR58-300500	YHR34C58	RLT-8
3/4	300 - 500 kcmil	15G121R (2)	GR34-300500	YHR34C34	RLT-9
1	300 - 500 kcmil	15G121R (2)	GR1-300500*	YHR34C100	RLT-12

Figure 6 to 6
Compression ground grid connectors

Element A	Element B	Element A to ground rod (in.)	*Element B to rebar (in.)	Dies for TBM14M, 13100A or TBM15I	ABB	Burndy	IlSCO
Cable to cable	Cable to cable			Element A Element B			
#6 sol. - #2 str.	#6 sol. - #2 str.	—	—	15501A (1) 15501A (1)	54855L	YGL2C2	GGA-1
#1 str. - 250 kcmil	#6 sol. - #2 str.	1/2 - 5/8	#3 rebar 3/8, thru 1/2 in. #4 rebar	15501A (1) 15G86R (1)	54865L	YGL29C2	GGA-2
			#3 rebar 3/8, thru 1/2 in. #4 rebar	15G86R (1) 15G86R (1)	54875L	YGL29C29	GGA-3
#2 str. - 250 kcmil	#2 str. - 250 kcmil	1/2 - 5/8	#5 rebar 5/8, thru 3/4 in. #6 rebar	15501A (1) 15G126R (1)	54885L	YGL34C2	GGA-4
250 - 500 kcmil	#6 sol. - #2 str.	5/8 - 3/4	#5 rebar 5/8, thru 3/4 in. #6 rebar	15G86R (1) 15G126R (1)	54895L	YGL34C29	GGA-5
250 - 500 kcmil	#2 str. - 250 kcmil	5/8 - 3/4	#5 rebar 5/8, thru 3/4 in. #6 rebar	15G121R (3) 15G121R (3)	54900L	YGL34C34	GGA-6

* CSA not applicable. Use 15500TB adaptor for 15-Ton Tool TBM15I.

Figure 6 to 8
Compression ground rod to grid connectors

Ground Rod in. (mm)	Cable Range	Dies for TBM14M, 13100A or TBM15I (compression)			IlSCO	
		Element A	Element B	ABB		
1/2 (12.7)	250 - 500 kcmil	15G121R	15G86R	54855LR12*	YGLR29C12	GGB-1
1/2 (12.7)	2 AWG - 250 kcmil	15G121R	15G126R	54885LR12*	YGLR34C12	GGB-5
5/8 (16.0)	250 - 500 kcmil	15G121R	15G86R	54865LR58*	YGLR29C58	GGB-2
5/8 (16.0)	2 AWG - 250 kcmil	15G121R	15G126R	54895LR58*	YGLR34C58	GGB-6
3/4 (19.1)	250 - 500 kcmil	15G121R	15G86R	54875LR34*	YGLR29C34	GGB-3
3/4 (19.1)	2 AWG - 250 kcmil	15G121R	15G126R	54900LR34*	YGLR34C34	GGB-7
1 (25.4)	250 - 500 kcmil	15G121R	15G86R	54910LR100	YGLR29C100	GGB-4
1 (25.4)	2 AWG - 250 kcmil	15G121R	15G126R	54920LR100	YGLR34C100	GGB-8

* Tin-plated version available for galvanized ground rods. Add suffix -TP to Cat. No.

C-Taps
Ground connectors

Main	Tap	Dies for TBM14M, 13100A, TBM15I (compression)			IlSCO
		ABB	Burndy	IlSCO	
#6 sol. - #2 str.	#6 sol. - #2 str.	HBKC (1)	CTP22	YGHC2C2	ELT-1
#1 str. - 2/0 str.	#6 sol. - #2 str.	15501A (1)	CTP202	YGHC26C2	ELT-4
#1 str. - 2/0 str.	#1 - 2/0 str.	15501A (1)	CTP2020	YGHC26C26	ELT-2
3/0 str. - 250 kcmil	#6 sol. - 2/0 AWG	15G86R (1)	CTP25020	YGHC29C26	ELT-5
3/0 str. - 250 kcmil	3/0 str. - 250 kcmil	15G86R (1)	CTP250250	YGHC29C29	ELT-3
300 - 500 kcmil	3/0 - 250 str.	15G121R (2)	CTP50020	YGHC34C26	ELT-7
300 - 500 kcmil	#6 - #2 str.	15G121R (2)	CTP500250	YGHC34C29	ELT-6
300 - 500 kcmil	300 - 500 str.	15G121R (3)	CTP500500	YGHC34C34	ELT-8

C-Taps Heavy Duty

Main	Tap	Dies for 14 & 15 ton (compression)		ABB	Burndy
		IlSCO	IlSCO		
#6 - #2 str.	#6 - #2 str.	155345S	CTP22N	YGHC2C2	—
#1 - 2/0 str.	#6 - #2 str.	155175S	CTP202N	—	—
#1 - 2/0 str.	#1 - 2/0 str.	155175S	CTP2020N	YGHC26C26	—
3/0 - 250 str.	#1 - 2/0 str.	155065S	CTP25020N	YGHC29C26	—
3/0 - 250 str.	3/0 - 250 str.	155065S	CTP250250N	YGHC29C29	—
300 - 500 str.	3/0 - 250 str.	156035S	CTP500250N	YGHC34C29	—
300 - 500 str.	#6 - #2 str.	155035S	CTP50020N	YGHC34C26	—
300 - 500 str.	300 - 500 str.	15G121N	CTP500500N	YGHC34C34	—

These dies may be used with the TBM15CR-LI or TBM15I compression tools. Please note that the die adapter 15500-TB is required for use with these tools.

Type TBGS

Structural Grounding Studs

Rod size (in.)	ABB	Burndy	IlSCO
1/4	TBGS14	GSTUD14HY	SGS-14
3/8	TBGS38	GSTUD38HY	SGS-38
5/8	TBGS58	GSTUD58HY	SGS-916
3/4	TBGS34	GSTUD34HY	SGS-34

Heavy-Duty Two-Hole NEMA Lugs

Wire size	Dies for 14 & 15 ton (compression)	ABB	Burndy
#2	155085S	HDL 2 N	YGHA2C2N
#1	155265S	HDL 1 N	—
1/0	155305S	HDL 1/0 N	YGHA252N
2/0	155115S	HDL 2/0 N	YGHA262N
3/0	155325S	HDL 3/0 N	YGHA272N
4/0	155145S	HDL 4/0 N	YGHA272N
250	155175S	HDL 250 N	YGHA292N
300	155065S	HDL 300 N	YGHA302N
350	155035S	HDL 350 N	YGHA312N
500	156095S	HDL 500 N	YGHA342N

*These dies may be used with the TB M15CR-LI or TBM15I compression tools. Please note that the die adapter 15500-TB is required for use with these tools.

Blackburn

Mechanical connectors

Type H -
High strength split-bolt connectors - Cu to Cu

Range for equal Main and Tap	ABB	Burndy	Panduit	IlSCO
10 str. - 12 sol.	9H	KS90	SBC95C	IK-10 (8 - 16 AWG)
8 str. - 10 sol.	8H	KS15	SBC8C	IK-8 (10 - 16 AWG)
6 sol. - 8 sol.	6H	KS17	SBC65C	IK-6 (6 - 10 AWG)
4 sol. - 8 sol.	4H	KS20	SBC4C	IK-4
2 sol. - 6 sol.	2H	KS22	SBC2C	IK-3
2 str. - 6 sol.	1H	KS23	SBC10S	IK-2
1/0 str. - 4 sol.	10H	KS25	SBC1/0	IK-1/0
2/0 str. - 2 sol.	20H	KS26	SBC20S	IK-2/0
250 kcmil - 1 str.	40H	KS28	SBC40S	IK-4/0
350 - 250 kcmil	350M	KS31	SBC350	IK-350 (350 - 4/0)
500 - 400 kcmil	500M	KS34	SBC500	IK-500 (500 - 250)
750 - 600 kcmil	750M	KS39	SBC750	IK-750 (750 - 350)
1000 - 800 kcmil	1000M	KS44	SBC1000	IK-1000

Type APS -
Aluminum dual-rated split bolts - Al and Cu

Conductor range (AWG or kcmil)	ABB	Burndy	Panduit	IlSCO
6 - 10 str.	APS06	KSA6	SBA6C	AK6
4 - 10 str.	APS04	KSA4	SBA4C	AK4
1/0 - 4 str.	APS11	KSA1/0	SBA1/0Q	AK1/0
2/0 - 4 str.	APS21	KSA2/0	SBA2/0Q	AK2/0
4/0 - 2 str.	APS41	KSA4/0	SBA4/0Q	AK4/0
350 kcmil - 4 str.*	APS350	KSA350	SBA3501	AK350 (350 - 4/0)
500 kcmil - 2 str.*	APS500	KSA500	SBA5001	AK50 (500 - 250)

*Square Head design CSA not applicable.

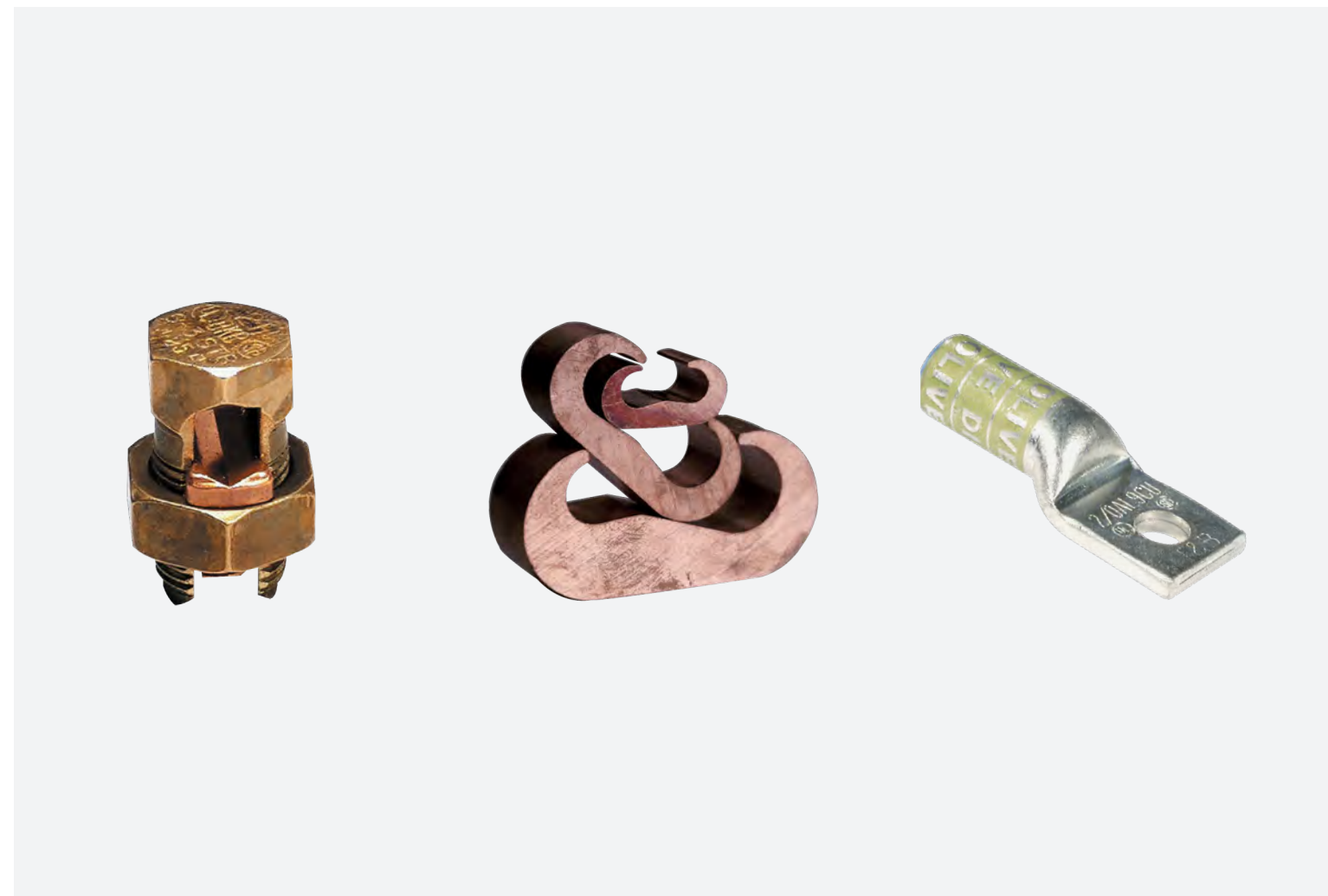
Type ADR -
Single conductor - Al and Cu

Conductor range	ABB	Burndy	Panduit	IlSCO
6 str.	ADR6	KA6U	LAMA6 - 14Q	TA6
2 str.	ADR2	KA2U	LAMA2 - 14Q	TA2
1/0 str.	ADR11	KA25U	LAMA2A 1/0 - 14Q	AU-0
2/0 str.	ADR21	KA26U	LAMA2/0 - 14Q	TA2/0
250 kcmil	ADR25	KA29U	LAMA250 - 56Q	TA-250
300 kcmil	ADR30	KA30U	LAMA2A250 - 56Q	AU-250
350 kcmil	ADR35	KA31U	LAMA350 - 38Q	TA-350
600 kcmil	ADR60	KA36U	LAMA600 - 38 - 6	TA-600
800 kcmil	ADR80	KA40U	LAMA800 - 58 - 6	TA-800
1000 kcmil	ADR99	—	—	—

Type DS -
Service post connectors - Cu to Cu

Conductor range stranded (AWG/mm ²)		Short stud, 1 conductor			Short stud, 2 conductors				
max.	min.	ABB	Burndy	Panduit	IlSCO	ABB	Burndy	Panduit	IlSCO
8 AWG/6mm ²	12 AWG/4mm ²	SP05S	KC15	SP18C	SP550	SP0DS	K2C15	SP28C	SPD50
7 AWG/10mm ²	10 AWG/6mm ²	SP15S	KC17	SP17C	SP551	SP1DS	K2C17	SP27C	SPD51
5 AWG/16mm ²	10 AWG/6mm ²	SP25S	KC20	SP14C	SP552	SP2DS	K2C20	SP24C	SPD52
3 AWG/25mm ²	10 AWG/6mm ²	SP35S	KC22	SP13C	SP553	SP3DS	K2C22	SP23C	SPD53
1 AWG/35mm ²	8 AWG/6mm ²	SP45S	KC23	SP12C	SP554	SP4DS	K2C23	SP22C	SPD54
1/0 AWG/50mm ²	2 AWG/35mm ²	SP55S	KC25	SP11/0L	SP555	SP5DS	K2C25	SP21/0L	SPD55
2/0 AWG/70mm ²	1 AWG/35mm ²	SP65S	KC26	SP12/0Q	SP556	SP6DS	K2C26	SP22/0Q	SPD56
4/0 AWG/95mm ²	1/0 AWG/70mm ²	SP85S	KC28	SP14/0Q	SP558	SP8DS	K2C28	SP24/0Q	SPD58
350 AWG/150mm ²	1/0 AWG/70mm ²	SP95S	KC31	SP135012	SP559	SP9DS	K2C31	SP235012	SPD59
500 AWG/240mm ²	3/0 AWG/95mm ²	SP105S	KC34	SP105S	SP5510	SP10DS	K2C34	SP250012	SPD510

Quick reference guide



- Color-Keyed®
- Blackburn®
- EZGround®



