

Akkupistokkeet

REMA SRE / SRX / SR

ANDERSON SB / SBS / SBE / SBX

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Trukkipalvelu**

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Puhelin 020 752 9270 tai 0401783634

OVERVIEW RANGE - SRE/SRX SERIES



SRE/SRX SERIES



FLAT WIPING CONNECTORS



SR SERIES



SBS SERIES CONNECTORS



SBE/SBX SERIES CONNECTORS



FLAT WIPING CONNECTORS SBE80/160/320 - SBX175/350



SB SERIES CONNECTORS

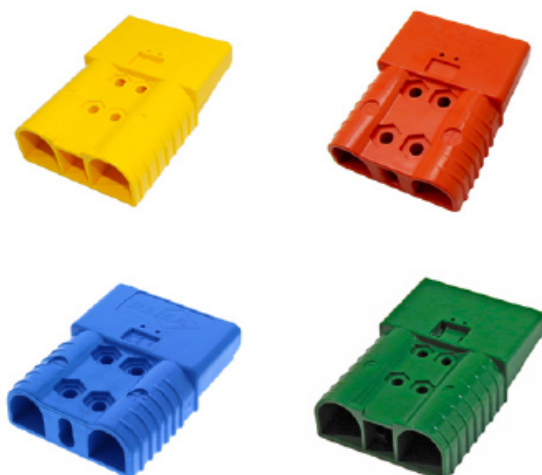


SB 50

SB 120

SB 175

SB 350



SRE/SRX SERIES

Features and advantages:

- Reliable power connection solution for:
 - Electric vehicle batteries
 - Battery chargers
 - Forklift trucks
 - Other DC voltage applications
- Operating voltage determined by housing colour
 - Simplifies mating of same voltages
- Plug and socket with identical housing design
 - Reduces quantity of components
 - Reduces purchasing and storage cost
- Acid resistant housing material
- Handles, strain relieves and auxiliary contacts optional
- CE marking and UL recognized
- Contacts sized for AWG (American Wire Gauge) and metric cross sections
- REMA developed high-grade contacts made out of pure high conductive Cu-ETP copper with silver plated surface and an anti-friction and tarnish coating ensure
 - Power transition with minimum
 - Long life
 - Suitable for crimping

<https://eshop.tvh.com/products/TVH/168TA3153>

OVERVIEW RANGE - SRE/SRX SERIES

Type	Wire size		REF									
	AWG	Exact mm ²	European mm ²	Yellow 12 V	Orange 18 V	Red 24 V	Grey 36 V	Blue 48 V	Green 72 V	Black 80 V	Brown 96 V	Purple 120 V
SRX175 with aux	1/0	53.5	50	168TA3033	168TA3054	168TA3081	168TA3108	168TA3132	168TA3153	–	–	–
				168TA3034	168TA3055	168TA3082	168TA3109	168TA3133	168TA3154	–	–	–
SRX350 with aux	2/0	67.43	70	168TA3035	168TA3056	168TA3083	168TA3110	168TA3134	168TA3155	168TA3173	–	–
				168TA3036	168TA3057	168TA3084	168TA3111	168TA3135	168TA3156	168TA3174	–	–
SRE160 without aux	4	21.1	25	168TA3037	168TA3058	168TA3085	168TA3112	168TA3136	168TA3157	168TA3175	–	–
	2	33.6	35	168TA3038	168TA3059	168TA3086	168TA3113	168TA3137	168TA3158	168TA3176	–	–
	1/0	53.5	50	168TA3039	168TA3060	168TA3087	168TA3114	168TA3138	168TA3159	168TA3177	–	–
	1/0	53.5	50	168TA3033	168TA3054	168TA3081	168TA3108	168TA3132	168TA3153	168TA3178	–	–
SRE160 with aux	4	21.1	25	168TA3040	168TA3061	168TA3088	168TA3115	168TA3139	168TA3160	168TA3179	–	–
	2	33.6	35	168TA3041	168TA3062	168TA3089	168TA3116	168TA3140	168TA3161	168TA3180	–	–
	1/0	53.5	50	168TA3042	168TA3063	168TA3090	168TA3117	168TA3141	–	168TA3181	–	–
	1/0	53.5	50	168TA3034	168TA3055	168TA3082	168TA3109	168TA3133	168TA3154	168TA3182	–	–
SRE320 without aux	1/0	53.5	50	168TA3043	168TA3064	168TA3091	168TA3118	168TA3142	168TA3162	168TA3183	168TA3191	168TA3198
	2/0	67.43	70	168TA3044	168TA3065	168TA3092	168TA3119	168TA3143	168TA3163	168TA3184	168TA3192	168TA3199
	3/0	85	95	168TA3045	168TA3066	168TA3093	168TA3120	168TA3144	168TA3164	168TA3185	168TA3193	168TA3200
	2/0	67.43	70	168TA3046	168TA3067	168TA3094	168TA3121	168TA3145	168TA3165	168TA3186	168TA3194	168TA3201
SRE320 with aux	1/0	53.5	50	168TA3047	168TA3068	168TA3095	168TA3122	168TA3146	168TA3166	168TA3187	168TA3195	168TA3202
	2/0	67.43	70	168TA3048	168TA3069	168TA3096	168TA3123	168TA3147	168TA3167	168TA3188	168TA3196	168TA3203
	3/0	85	95	168TA3049	168TA3070	168TA3097	168TA3124	168TA3148	168TA3168	168TA3189	168TA3197	168TA3204
	2/0	67.43	70	168TA3050	168TA3071	168TA3098	168TA3125	168TA3149	168TA3169	168TA3190	168TA3071	168TA3205

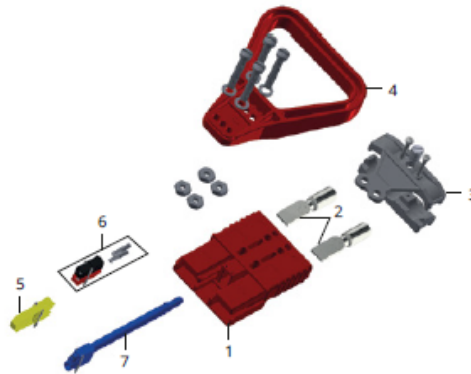
ACCESSORIES - SRE/SRX SERIES

CONTACTS



Type	Wire size AWG or mm ²	"x"		REF
		mm	In	
SRE160	16	20	0.78	168TA8096
	25			168TA4029
	35			168TA4030
	50			168TA4031
SRX175	1/0 AWG	26	1.02	168TA4028
SRE320	35	20	0.78	168TA8097
	50			168TA4032
	70			168TA4033
	95	24	0.94	168TA4034
SRX350	2/0 AWG	31	1.22	168TA4026

SPARE PARTS OVERVIEW - SRE/SRX SERIES



ADDITION PARTS FLAT CONNECTORS SRE160/SRX175

Item	Description	REF
3	Cable clamp set	106TA9867
5	Coding pin (yellow)	106TA9879
6	Aux contact set	168TA8091
7	Air adapter 6/8 mm	168TA8092
8	Aux contact set female (with coding)	168TA8094
9	Aux contact set male (with coding)	168TA8095

ADDITION PARTS FLAT CONNECTORS SRE320/SRX350

Item	Description	REF
3	Cable clamp set	106TA9867
5	Coding pin (yellow)	106TA9879
6	Aux contact set	168TA8091
7	Air adapter 6/8 mm	168TA8093
8	Aux contact set female (with coding)	168TA8094
9	Aux contact set male (with coding)	168TA8095

ACCESSORIES - SRE/SRX SERIES

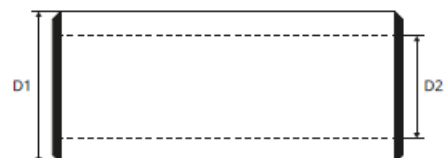


HANDLES



Type	Size	Flat/DIN	Housing	A-frame + HDW (polycarbonate, grey)	A-frame + HDW (polycarbonate, red)
SRX	175	Flat	Standard	168TA5778	168TA5779
SRX	175	Flat	Standard	168TA2829	168TA2831
SRX	350	Flat	Standard	168TA5780	168TA5781
SRX	350	Flat	Standard	168TA2830	168TA2832
SRE	160	Flat	Standard	168TA5778	168TA5779
SRE	160	Flat	Standard	168TA2829	168TA2831
SRE	320	Flat	Standard	168TA5780	168TA5781
SRE	320	Flat	Standard	168TA2830	168TA2832

REDUCING BUSHINGS



In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
-	16	-	10	168TA4342
-	25	-	10	112TA4815
-	25	-	16	112TA4816
-	35	-	16	138TA4449
-	50	-	16	168TA4344
-	50	-	25	168TA4345
-	50	-	35	168TA4346
6	-	10	-	168TA4347
4	-	8	-	168TA4348
4	-	6	-	168TA4349
2	-	6	-	168TA4343
1/0	-	4	-	168TA4350

In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
1/0	-	2	-	168TA4351
6	-	-	6	168TA4352
4	-	-	10	168TA4353
2	-	-	16	168TA4354
1/0	-	-	25	168TA4355
1/0	-	-	35	168TA4356
-	16	10	-	168TA6265
-	25	8	-	168TA6266
-	25	6	-	168TA6267
-	35	6	-	168TA6268
-	50	4	-	168TA6269
-	50	2	-	168TA6270

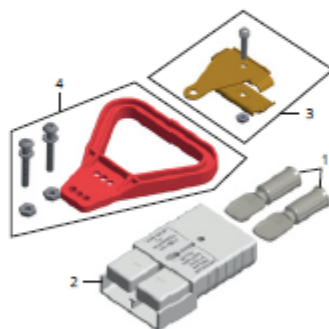
SR SERIES

Features and advantages:

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- Acid resistant housing material
- Handles and strain relieves available
- CE marking and UL recognized
- Contacts sized for AWG (American Wire Gauge)
- REMA developed high-grade contacts made out of pure high conductive Cu-ETP copper with silver plated surface and an anti-friction and tarnish coating ensure
 - Power transition with minimal losses
 - Long life
 - Suitable for crimping

OVERVIEW RANGE - SR SERIES

Type	Wire size			REF						
	AWG	Exact	European	Yellow	Orange	Red	Grey	Blue	Green	Black
		mm ²	mm ²	12 V	18 V	24 V	36 V	48 V	72 V	80 V
SR50	10/12	5.3/3.3	6/4	–	–	168TA3072	168TA3099	–	–	168TA3170
	8	8.36	10	–	–	168TA3073	168TA3100	–	–	168TA3171
	6	13.3	16	–	–	168TA3074	168TA3101	–	–	168TA3172
SR175	4	21.1	25	168TA3027	168TA3051	168TA3075	168TA3102	168TA3126	–	–
	2	33.6	35	168TA3028	168TA3052	168TA3076	168TA3103	168TA3127	–	–
	1/0	53.5	50	168TA3029	168TA3053	168TA3077	168TA3104	168TA3128	–	–
SR350	1/0	53.5	50	168TA3030	–	168TA3078	168TA3105	168TA3129	168TA3150	–
	2/0	67.43	70	168TA3031	–	168TA3079	168TA3106	168TA3130	168TA3151	–
	3/0	85	95	168TA3032	–	168TA3080	168TA3107	168TA3131	168TA3152	–

SPARE PARTS OVERVIEW - SR SERIES


Item	Description	REF	Item	Description	REF
3	Cable clamp set SR50	168TA8074	4	Handle SR175 red with 2 screws	168TA8077
3	Cable clamp set SR175	168TA8073	4	Handle SR175 grey with 2 screws	168TA8078
3	Cable clamp set SR350	168TA8075	4	Handle SR350 red with 2 screws	168TA8079
4	Handle SR50 red with 2 screws	168TA8076	4	Handle SR50 grey with 2 screws	168TA8080

ACCESSORIES - SR SERIES



HANDLES



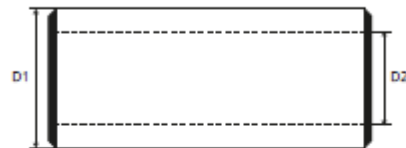
Type	Size	Flat/DIN	Housing	T-handle + HDW (red)	A-frame + HDW (polycarbonate, grey)	A-frame + HDW (polycarbonate, red)
SR	50	Flat	Standard	168TA5776	168TA2828	168TA5777
SR	50	Flat	Standard	168TA2827	-	-
SR	175	Flat	Standard	-	168TA5778	168TA5779
SR	175	Flat	Standard	-	168TA2829	168TA2831
SR	350	Flat	Standard	-	168TA5780	168TA5781
SR	350	Flat	Standard	-	168TA2830	168TA2832

CONTACTS



Type	Wire size	"x"		REF
	AWG or mm ²	mm	In	
SR50	10/12 AWG	13.5	0.53	168TA8081
	8 AWG	12.5	0.49	168TA8082
	6 AWG	12.0	0.47	168TA8083
SR175	4 AWG	26.0	1.02	168TA8084
	2 AWG	26.5	1.02	168TA8085
	1/0 AWG	26.0	1.04	168TA8086
SR350	1/0 AWG	30.5	1.20	168TA8087
	2/0 AWG	30.5	1.20	168TA8088
	3/0 AWG	33.0	1.29	168TA8089
	4/0 AWG	33.0	1.29	168TA8090

REDUCING BUSHINGS



In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
-	16	-	10	168TA4342
-	25	-	10	112TA4815
-	25	-	16	112TA4816
-	35	-	16	138TA4449
-	50	-	16	168TA4344
-	50	-	25	168TA4345
-	50	-	35	168TA4346
6	-	10	-	168TA4347
4	-	8	-	168TA4348
4	-	6	-	168TA4349
2	-	6	-	168TA4343
1/0	-	4	-	168TA4350

In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
1/0	-	2	-	168TA4351
6	-	-	6	168TA4352
4	-	-	10	168TA4353
2	-	-	16	168TA4354
1/0	-	-	25	168TA4355
1/0	-	-	35	168TA4356
-	16	10	-	168TA6265
-	25	8	-	168TA6266
-	25	6	-	168TA6267
-	35	6	-	168TA6268
-	50	4	-	168TA6269
-	50	2	-	168TA6270

SBS SERIES CONNECTORS



The patented SBS connector family is designed to provide high power in a compact ergonomic housing with protection against accidental contact with live circuits. This is of particular importance in applications where DC voltages exceed 30 volts and can be health threatening.

SBS 50, SBS 75X and SBS 75G are available in Wire-to-wire and wire-to-board configurations both provide power contacts rated up to 110 amps. The SBS 75X offers up to 4 mate-last break-first auxiliary power/signal contacts rated up to 20 amps. The SBS 75G features a third first-mate last-break ground or power contact. All contact positions are rated for circuit interruption (hot plugging).

The SBSX-75A sealed waterproof connectors come in multiple configurations offering up to a maximum of 140 A of power and the durability of up to 5000 mating cycles. The IP68 waterproof rating ensures that the connector will be free of water for full protection up to 30 minutes at 6 feet in the mated conditions, or with the use of covers in unmated condition.

OVERVIEW RANGE - SBS SERIES



Type	Wire size			REF						
	AWG	Exact	European	Red	Grey	Blue	Green	Black	Brown	White
		mm ²	mm ²	24 V	36 V	48 V	72 V	80 V	96 V	144V
SBS50	6	13.3	16	167TA9427	167TA9443	167TA9458	167TA9472	167TA9491	167TA9508	168TA2860
	8	8.4	10	167TA9428	167TA9444	167TA9459	167TA9473	167TA9492	167TA9509	168TA2861
	10/12		2.5/6	167TA9429	167TA9445	167TA9460	167TA9474	167TA9493	167TA9510	168TA2862
SBS75X	6	13.3	16	-	-	-	-	167TA9494	167TA9511	-
	8	8.4	10	-	-	-	-	167TA9495	167TA9512	-
	10/12		2.5/6	-	-	-	-	167TA9496	167TA9513	-
SBS75G	6	13.3	16	-	-	167TA9461	-	167TA9497	167TA9514	167TA9520
	8	8.4	10	-	-	167TA9462	-	167TA9498	167TA9515	167TA9521
	10/12		2.5/6	-	-	167TA9463	-	167TA9499	167TA9516	167TA9522

OVERVIEW RANGE - SBS SERIES



Type	Wire size			REF						
	AWG	Exact	European	Red	Grey	Blue	Green	Black	Brown	
		mm ²	mm ²	24 V	36 V	48 V	72 V	80 V	96 V	
SBS50	6	13.3	16	168TA6183	168TA6203	168TA6206	168TA6209	168TA6218	168TA6224	
	8	8.4	10	168TA6184	168TA6204	168TA6207	168TA6210	168TA6219	168TA6225	
	10/12		2.5/6	168TA6185	168TA6205	168TA6208	168TA6211	168TA6220	168TA6226	
SBS75X	6	13.3	16	-	-	-	168TA6212	168TA6221	-	
	8	8.4	10	-	-	-	168TA6213	168TA6222	-	
	10/12		2.5/6	-	-	-	168TA6214	168TA6223	-	

ACCESSORIES - SBS SERIES



HANDLES



Type	Size	Flat/DIN	Housing	T-handle + HDW (red)	A-frame + HDW (polycarbonate, grey)	A-frame + HDW (polycarbonate, red)	A-frame + HDW (polycarbonate, black)	Steel (red)
SBS	50	Flat	Standard	168TA2820	138TA4427	138TA4429	138TA4428	138TA4432
SBS	75	Flat	Standard	168TA2821	138TA4427	138TA4429	138TA4428	138TA4432

CONTACTS



Type	Type	Wire size	Exact	European	REF
		AWG	mm ²	mm ²	
Flat	SBS50	6	13.3	16	168TA4017
Flat	SBS50	8	8.4	10	168TA4018
Flat	SBS50	10/12	-	2.5/6	168TA4019
Flat	SBS75X	6	13.3	16	168TA4017
Flat	SBS75X	8	8.4	10	168TA4018
Flat	SBS75X	10/12	-	2.5/6	168TA4019
Flat	SBS75G	6	13.3	16	168TA4017
Flat	SBS75G	8	8.4	10	168TA4018
Flat	SBS75G	10/12	-	2.5/6	168TA4019

PIN CONTACTS FOR SBS75X AUXILIARY

Wire size	Exact	REF
AWG	mm ²	
Standard length 7.7 mm		
12	2.5	168TA1723
16 to 14	1.0 to 1.5	168TA1724
20 to 16	0.75 to 1.0	168TA1725
24 to 20	0.5 to 0.75	168TA1726
Pre-mate 9.3 mm		
12	2.5	168TA1727
16 to 14	1.0 to 1.5	168TA1728
20 to 16	0.75 to 1.0	168TA1729
24 to 20	0.5 to 0.75	168TA1730
Post-mate 6.4 mm		
12	2.5	168TA1731
16 to 14	1.0 to 1.5	168TA1732
20 to 16	0.75 to 1.0	168TA1733
24 to 20	0.5 to 0.75	168TA1734

SOCKET CONTACTS FOR SBS75X AUXILIARY

Wire size	Exact	REF
AWG	mm ²	
12	2.5	168TA1735
16 to 14	1.0 to 1.5	168TA1736
20 to 16	0.75 to 1.0	168TA1737
24 to 20	0.5 to 0.75	168TA1738



FLAT WIPING CONNECTORS SBE80/160/320 - SBX175/350

SBE and SBX connectors build on the capability of the SB® connectors that handle two primary power contacts with the capacity to have up to 8 auxiliary power/signal contacts. The centers of the connector housing feature a location for either: two PP15-45 housings and contacts, an innovative 1 x 4 auxiliary accessory, or two PPMX housings that can accommodate up to 8 aux contacts. In addition, the housings meet IEC 60950 and IEC60529 touch safe requirements.

Sequencing within auxiliary positions is possible using the 4 pin lengths available in the 1 x 4 auxiliary accessory however the auxiliary contacts mate last / un-mate first in relation to the power contacts. While SBE and SBX housings offer similar capabilities, the SBE connector housings are molded from a chemical resistant PBT/PC blend resin allowing them to meet EN 1175-1 requirement and are tested to EN 1175-1 standards. SBX are molded from a rugged PC resin that is more impact resistant and are tested to UL/CSA requirements.

OVERVIEW RANGE - SBE/SBX SERIES

Type	Wire size			REF								
	AWG	Exact	European	Yellow	Orange	Red	Grey	Blue	Green	Black	Brown	Purple
		mm ²	mm ²	12 V	18 V	24 V	36 V	48 V	72 V	80 V	96 V	120 V
SBE80	#4	21.1	25	167TA9395	167TA9407	167TA9421	167TA9436	-	-	-	-	-
	#6	13.3	16	167TA9396	167TA9408	136TA3123	167TA9437	-	-	-	-	-
SBE160	1/0	53.5	50	106TA9817	106TA9818	106TA9819	106TA9820	106TA9821	106TA9822	106TA9823	-	-
	#2	33.6	35	105TA4676	106TA9812	106TA9813	106TA9814	105TA4677	106TA9815	106TA9816	-	-
SBE320	300 mcm	152	150	167TA9397	167TA9409	167TA9422	167TA9438	167TA9453	167TA9467	167TA9486	167TA9505	167TA9517
	4/0	107.2	120	167TA9398	167TA9410	167TA9423	167TA9439	167TA9454	167TA9468	167TA9487	167TA9506	167TA9518
	3/0	85	95	167TA9399	167TA9411	167TA9424	167TA9440	167TA9455	167TA9469	167TA9488	167TA9507	167TA9519
	2/0	67.4	70	106TA9831	106TA9832	106TA9833	107TA8404	106TA9834	106TA9835	106TA9836	106TA9837	106TA9838
	1/0	50	50	136TA3100	136TA3111	136TA3124	136TA3136	136TA3150	136TA3159	136TA3163	136TA3166	136TA3167
	2	35	35	168TA2846	168TA2847	168TA2848	168TA2850	168TA2851	168TA2852	168TA2853	168TA2858	168TA2859
	300 mcm	152	150	167TA9401	167TA9413	167TA9426	167TA9442	167TA9457	167TA9471	167TA9490	-	-
SBX175	1/0	53.5	50	136TA3101	136TA3112	136TA3125	136TA3137	136TA3151	136TA3168	-	-	-
	#2	33.6	35	136TA3102	136TA3113	136TA3126	136TA3138	136TA3152	136TA3169	-	-	-
SBX350	2	33.6	35	167TA9400	167TA9412	167TA9425	167TA9441	167TA9456	167TA9470	167TA9489	-	-
	2/0	67.4	70	106TA9824	106TA9825	106TA9826	106TA9827	106TA9828	106TA9829	106TA9830	-	-
	3/0	85	95	136TA3103	136TA3114	136TA3127	136TA3139	136TA3153	136TA3161	136TA3164	-	-
	4/0	107.2	120	136TA3104	136TA3115	136TA3128	136TA3140	136TA3154	136TA3162	136TA3165	-	-
	300 mcm	152	150	167TA9401	167TA9413	167TA9426	167TA9442	167TA9457	167TA9471	167TA9490	-	-

ACCESSORIES - SBE/SBX SERIES

HANDLES



Type	Size	Flat/DIN	Housing	T-handle + HDW (red)	A-frame + HDW (polycarbonate, grey)	A-frame + HDW (polycarbonate, red)	A-frame + HDW (polycarbonate, black)	Ergonomical (polycarbonate, red)	Steel (red)
SBE	80	Flat	Standard	168TA2822	-	-	-	-	-
SBE	160	Flat	Standard	-	116TA5895	107TA8417	138TA4431	144TA9210	138TA4434
SBE	320	Flat	Standard	-	116TA5895	107TA8417	138TA4431	144TA9210	138TA4434
SBX	175	Flat	Standard	-	116TA5895	107TA8417	138TA4431	144TA9210	138TA4434
SBX	350	Flat	Standard	-	116TA5895	107TA8417	138TA4431	144TA9210	138TA4434



Model	Not specific	Manual release bracket	Auxiliary kit	16 to 12 AWG	20 to 16 AWG
		Mounting/battery side	Locking/truck side		
SBE80	168TA3563	-	-	107TA8413	-
SBE160	107TA8422	106TA9859	106TA9858	107TA8413	-
SBX175	107TA8422	106TA9859	106TA9858	107TA8413	-
SBE320	107TA8423	106TA9861	106TA9860	-	168TA3569
SBX350	107TA8423	106TA9861	106TA9860	-	168TA3569

ACCESSORIES - SBE/SBX SERIES

ANDERSON
POWER

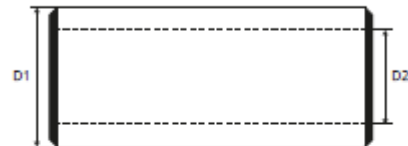
CONTACTS



Type	Type	Wire size		REF	
		AWG	Exact mm ²	European mm ²	
Flat	SBE80	#4	21.1	25	168TA4007
Flat	SBE80	#6	13.3	16	168TA4008
Flat	SBE160	1/0	53.5	50	168TA4009
Flat	SBE160	#2	33.6	35	168TA4010
Flat	SBE320	300mcm	152	150	168TA4011
Flat	SBE320	4/0	107.2	120	168TA4012
Flat	SBE320	3/0	85	95	168TA4013
Flat	SBE320	2/0	67.4	70	168TA4014
Flat	SBE320	1/0	50	50	168TA4015
Flat	SBE320	2	35	35	168TA4016

Type	Type	Wire size		REF	
		AWG	Exact mm ²	European mm ²	
Flat	SBX175	1/0	53.5	50	168TA4009
Flat	SBX175	#2	33.6	35	168TA4010
Flat	SBX350	2	33.6	35	168TA4016
Flat	SBX350	2/0	67.4	70	168TA4014
Flat	SBX350	3/0	85	95	168TA4013
Flat	SBX350	4/0	107.2	120	168TA4012
Flat	SBX350	300mcm	152	150	168TA4011

REDUCING BUSHINGS



In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
6	13.3	8	8.4	106TA9868
6	13.3	12 to 10	3.3 to 5.3	106TA9869
6	13.3	16 to 14	1.3 to 2.1	106TA9870
2	33.6	4	21.2	138TA4448
2	33.6	6	16	138TA4449
2	33.6	10 to 8	5.3 to 8.4	138TA4450

In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
1/0	53.5	1	42.4	106TA9871
1/0	53.5	2	33.6	106TA9872
1/0	53.5	4	21.2	106TA9873
1/0	53.5	6	16	106TA9874
1/0	53.5	10 to 8	5.3 to 8.4	138TA4451
2/0	67.4	1/0	53.5	106TA9878



SB 50

SB 120

SB 175

SB 350

FLATWIPING CONNECTOR SB 50/120/175/350

Based on the design pioneered by Anderson in 1953, the two pole SB connectors set the standard for DC power distribution and battery connections. SB connectors feature a rugged one piece plastic housing using stainless steel springs to retain the contacts and create the "contact force" that provides extremely low resistance enabling greater electrical efficiency. The SB connectors are also genderless (flip one 180 degrees and they will mate to each other) reducing the customer's bill of materials and providing greater economies of scale when purchasing. The SB series of connectors range in size from

SB 50 to the SB 350. Each family size offers colour-coded, mechanically keyed housings designed to prevent both visually and physically cross-mating devices with different voltages. All the connectors are UL rated to 600 volts so the keys and colors are just identifiers to prevent accidents. Contacts are traditionally silver plated to minimize electrical resistance while offering supreme durability and reliability. Popular SB applications include: electrical testing equipment, commercial trucking charger, automatic guided vehicles, ups, material handling, motive power and electric vehicles.

OVERVIEW RANGE - SB SERIES

Type	Wire size			REF							
	AWG	Exact mm ²	European mm ²	Yellow 12 V	Orange 18 V	Red 24 V	Grey 36 V	Blue 48 V	Green 72 V	Black 80 V	Brown 96 V
SB50	#6	13.3	16	136TA3094	136TA3105	106TA9801	138TA4375	136TA3141	136TA3155	106TA9804	-
	#8	8.4	10	167TA9390	167TA9402	167TA9414	167TA9430	167TA9447	167TA9464	167TA9475	-
	#10/12	5.3/3.3	6/4	136TA3095	136TA3106	105TA4670	106TA9802	136TA3142	136TA3156	106TA9803	-
SB120	#1	42.4	50	-	-	167TA9415	167TA9431	167TA9448	-	-	-
	#2	33.6	35	-	-	136TA3116	136TA3129	136TA3143	-	-	-
	#4	21.1	25	-	-	136TA3117	136TA3130	136TA3144	-	-	-
	#6	13.3	16	-	-	136TA3118	136TA3131	136TA3145	-	-	-
SB175	2/0	67.4	70	-	-	-	168TA2849	-	-	-	-
	1/0	53.5	50	105TA4672	105TA4673	106TA9805	105TA4674	106TA9806	-	167TA9476	167TA9500
	#1	42.4	50	167TA9391	167TA9403	167TA9416	167TA9432	167TA9449	-	167TA9477	167TA9501
	#2	33.6	35	136TA3096	136TA3107	136TA3119	136TA3132	136TA3146	-	167TA9478	167TA9502
	#4	21.1	25	136TA3097	136TA3108	136TA3120	136TA3133	136TA3147	-	167TA9479	167TA9503
	#6	13.3	16	167TA9392	167TA9404	167TA9417	167TA9433	167TA9450	-	167TA9480	167TA9504
SB350	1/0	53.5	50	167TA9393	167TA9405	167TA9418	167TA9434	167TA9451	167TA9465	167TA9481	-
	2/0	67.4	70	105TA4675	106TA9807	106TA9808	106TA9809	106TA9810	106TA9811	167TA9482	-
	3/0	85	95	136TA3098	136TA3109	136TA3121	136TA3134	136TA3148	136TA3157	167TA9483	-
	4/0	107.2	120	136TA3099	136TA3110	136TA3122	136TA3135	136TA3149	136TA3158	167TA9484	-
	300 mcm	152	150	167TA9394	167TA9406	167TA9420	167TA9435	167TA9452	167TA9466	167TA9485	-
SB175 3-pole	1/0	33.6	50	-	-	-	167TA9446	-	-	-	-
	#1	42.4	50	-	-	-	168TA2854	-	-	-	-
	#2	33.6	35	-	-	-	168TA2855	-	-	-	-
	#4	21.1	25	-	-	-	168TA2856	-	-	-	-
	#6	13.3	16	-	-	-	168TA2857	-	-	-	-

ACCESSORIES - SB SERIES

ANDERSON
POWER

HANDLES



Type	Size	Flat/DIN	Housing	T-handle + HDW (red)	A-frame + HDW (polycarbonate, grey)	A-frame + HDW (polycarbonate, red)	A-frame + HDW (polycarbonate, black)	Ergonomical (polycarbonate, red)	Steel (red)
SB	50	Flat	Standard	168TA2820	138TA4427	138TA4429	138TA4428	-	-
SB	120	Flat	Standard	138TA4426	138TA4427	138TA4429	138TA4428	-	-
SB	175	Flat	Standard	-	116TA5895	107TA8417	138TA4431	144TA9210	-
SB	350	Flat	Standard	-	116TA5895	107TA8417	138TA4431	144TA9210	-
SB	50	Flat	Standard	-	-	-	-	-	138TA4432
SB	120	Flat	Standard	-	-	-	-	-	138TA4432
SB	175	Flat	Standard	-	-	-	-	-	138TA4433
SB	350	Flat	Standard	-	-	-	-	-	138TA4433



Model	Dust cover		Environmental boots				Cable clamps			
	Red	Black	With cover		No cover		Self attaching		Bolt-on	
			Load	Source	Load	Source	Discrete	Discrete	Discrete	Bundled
SB50	138TA4446	-	168TA3548	168TA3551	168TA3554	168TA3555	168TA3556	168TA3557	168TA3558	168TA3561
SB120	-	168TA3547	168TA3549	168TA3552	168TA3549	168TA3552	-	-	168TA3559	168TA3562
SB175	107TA8411	-	168TA3550	168TA3553	168TA3550	168TA3553	106TA9864	106TA9864	168TA3560	106TA9865
SB350	131TA4680	-	-	-	-	-	-	-	106TA9866	-



Model	Lockout	Manual release bracket	
		Mounting/battery side	Locking/truck side
SB50	-	-	-
SB120	-	-	-
SB175	168TA3564	168TA3566	168TA3568
SB350	168TA3565	168TA3567	106TA9856



HANDLE FOR 3-POLE CONNECTOR

REF [138TA4408](#)



CONNECTOR LOCKOUTS

- For use with 175 A or 350 A connectors
- Lock not included, needs to be ordered separately with REF 142TA7045

REF [168TA3565](#) - For use with SB350-lockout

REF [168TA3564](#) - For use with SB175-lockout

ACCESSORIES - SB SERIES

ANDERSON
POWER

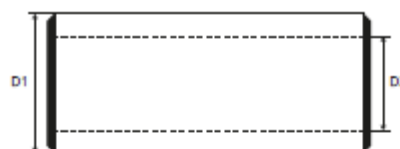
CONTACTS



Type	Type	Wire size			Open/ closed	REF
		AWG	Exact mm ²	European mm ²		
Flat	SB50	#6	13.3	16	Closed	168TA3989
Flat	SB50	#8	8.4	10	Closed	168TA3990
Flat	SB50	#10/12	5.3/3.3	6/4	Closed	168TA3991
Flat	SB120	#1	42.4	50	Closed	168TA3992
Flat	SB120	#2	33.6	35	Closed	168TA3993
Flat	SB120	#4	21.1	25	Closed	168TA3994
Flat	SB120	#6	13.3	16	Closed	168TA3995
Flat	SB175	2/0	67.4	70	Closed	168TA3996
Flat	SB175	1/0	53.5	50	Closed	168TA3997
Flat	SB175	#1	42.4	50	Closed	168TA3998
Flat	SB175	#2	33.6	35	Closed	168TA3999
Flat	SB175	#4	21.1	25	Closed	168TA4000
Flat	SB175	#6	13.3	16	Closed	168TA4001

Type	Type	Wire size			Open/ closed	REF
		AWG	Exact mm ²	European mm ²		
Flat	SB350	1/0	53.5	50	Closed	168TA4002
Flat	SB350	2/0	67.4	70	Closed	168TA4003
Flat	SB350	3/0	85	95	Closed	168TA4004
Flat	SB350	4/0	107.2	120	Closed	168TA4005
Flat	SB350	300mcm	152	150	Closed	168TA4006
Flat	SB175 3-pole	1/0	33.6	50	Closed	168TA3997
Flat	SB175 3Pole	#1	42.4	50	Closed	168TA3998
Flat	SB175 3Pole	#2	33.6	35	Closed	168TA3999
Flat	SB175 3Pole	#4	21.1	25	Closed	168TA4000
Flat	SB175 3Pole	#6	13.3	16	Closed	168TA4001

REDUCING BUSHINGS



In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
6	13.3	8	8.4	106TA9868
6	13.3	12 to 10	3.3 to 5.3	106TA9869
6	13.3	16 to 14	1.3 to 2.1	106TA9870
2	33.6	4	21.2	138TA4448
2	33.6	6	16	138TA4449
2	33.6	10 to 8	5.3 to 8.4	138TA4450

In (D1)		Out (D2)		REF
AWG	mm ²	AWG	mm ²	
1/0	53.5	1	42.4	106TA9871
1/0	53.5	2	33.6	106TA9872
1/0	53.5	4	21.2	106TA9873
1/0	53.5	6	16	106TA9874
1/0	53.5	10 to 8	5.3 to 8.4	138TA4451
2/0	67.4	1/0	53.5	106TA9878



SPECIAL HANDLE FOR SB50

REF [145TA7825](#)