

**MAGNASOURCE** INC.

# CONNECTORS

QUICK  
REFERENCE  
GUIDE

## SB®

- Single piece housings of impact resistant polycarbonate offer both high physical strength and superior dielectric properties
- Silver plated solid copper contacts offer low resistance for superior conductivity
- Self cleaning contact design resists arcing by keeping conductive surfaces clean and free of corrosion
- Contacts have flared and heat treated barrels which readily accept fine stranded wire and allow easy, quality crimping
- Integral stainless steel springs maintain constant pressure on the contact to insure a consistent, low-resistance connection

Note: Assembly is one housing and two tips

- Cada uno de los alojamientos, hechos con polycarbonato resistente al impacto, ofrece alta resistencia física y excelentes propiedades dieléctricas
- Los contactos de cobre macizo plateados ofrecen baja resistencia para una conductividad superior
- El diseño de autolimpieza de los contactos resiste la formación de arco manteniendo las superficies conductoras limpias y libres de corrosión
- Los contactos tienen troncos que han sido tratados en altas temperaturas y con llama, estos facilitan la entrada de alambres finos, trenzados y engarzados limpiamente
- Los resortes con entornos de acero inoxidable mantienen una presión constante sobre el conector para asegurar una conexión consistente y de menos resistencia

Nota: El conjunto se compone de una carcasa y dos boquillas

- Les logements sont fabriqués d'une seule pièce constituée de polycarbonate résistant aux chocs, ce qui offre à la fois une grande résistance physique et des propriétés diélectriques renforcées.
- Les contacts en cuivre massif plaqués argent offrent une faible résistance permettant une conductivité supérieure.
- La conception autonettoyante des contacts empêche les décharges disruptives en maintenant les surfaces conductrices propres et exemptes de corrosion.
- Les contacts disposent de fûts à sertir évasés ayant subi un traitement thermique ce qui permet d'y loger des fils fins à âme multibrin et facilite un sertissage de qualité.
- Des ressorts en acier inoxydable intégrés maintiennent une pression permanente sur le contact afin d'assurer une connexion constante offrant une faible résistance.

Note : L'ensemble est constitué d'un logement et de deux becs.

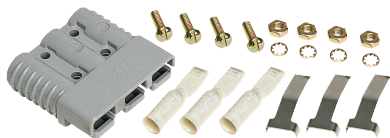


	Color	Assembly	APP® Assembly	Housing	APP® Housing	2 Piece Contact	Single Contact
<b>50amp</b>							
6ga		SY6319	SY6319	SY992	992	SY903G1	5900-BK
10-12ga		SY6319G1	SY6319G1	SY992	992	SY904G1	5915-BK
8ga		SY6319G2	SY6319G2	SY992	992	SY905G1	5952-BK
6ga		SY6331G1	SY6331G1	SY992G1	992G1	SY903G1	5900-BK
10-12ga		SY6331G2	SY6331G2	SY992G1	992G1	SY904G1	5915-BK
6ga		SY6331G3	SY6331G3	SY992G2	992G2	SY903G1	5900-BK
10-12ga		SY6331G4	SY6331G4	SY992G2	992G2	SY904G1	5915-BK
6ga		SY6331G5	SY6331G5	SY992G3	992G4	SY903G1	5900-BK
10-12ga		SY6331G6	SY6331G6	SY992G3	992G4	SY904G1	5915-BK
6ga		SY6331G7	SY6331G7	SY992G4	992G5	SY903G1	5900-BK
10-12ga		SY6331G8	SY6331G8	SY992G4	992G5	SY904G1	5915-BK
8ga		SY6331G9		SY992G4	992G5	SY905G1	5952-BK
<b>120amp</b>							
2ga		SY6330G2	6800G1	SY920	6810G1	SY1319-G2	1319-BK
4ga		SY6330G4	6800G2	SY920	6810G1	SY1319-G4	1319G4-BK
6ga		SY6330G6	6800G3	SY920	6810G1	SY1319-G6	1319G6-BK
2ga			6801G1	SY920G3	6810G2	SY1319-G2	1319-BK
4ga			6801G2	SY920G3	6810G2	SY1319-G4	1319G4-BK
6ga			6801G3	SY920G3	6810G2	SY1319-G6	1319G6-BK
2ga			6802G1		6810G3	SY1319-G2	1319-BK
4ga			6802G2		6810G3	SY1319-G4	1319G4-BK
6ga			6802G3		6810G3	SY1319-G6	1319G6-BK
<b>175amp</b>							
1/0		SY6325G1	6325G1	SY940	940	SY944	1382-BK
2ga		SY6325G5	6325G5	SY940	940	SY944-2	1383-BK
4ga		SY6325G6	6325G6	SY940	940	SY944-4	1384-BK
6ga		SY6325G7		SY940	940	SY944-6	1348-BK
1/0		SY6326G1	6326G1	SY941	941	SY944	1382-BK
2ga		SY6326G5	6326G5	SY941	941	SY944-2	1383-BK
4ga		SY6326G6	6326G6	SY941	941	SY944-4	1384-BK
6ga		SY6326G7		SY941	941	SY944-6	1348-BK
1/0		SY6327G1	6327G1	SY942	942	SY944	1382-BK
2ga		SY6327G5	6327G5	SY942	942	SY944-2	1383-BK



	Color	Assembly	APP® Assembly	Housing	APP® Housing	2 Piece Contact	Single Contact
<b>175amp</b>							
4ga	Orange	SY6327G6	6327G6	SY942	942	SY944-4	1384-BK
6ga	Orange	SY6327G7		SY942	942	SY944-6	1348-BK
1/0	Yellow	SY6328G1	6328G1	SY943	943	SY944	1382-BK
2ga	Yellow	SY6328G5	6328G5	SY943	943	SY944-2	1383-BK
4ga	Yellow	SY6328G6	6328G6	SY943	943	SY944-4	1384-BK
6ga	Yellow	SY6328G7		SY943	943	SY944-6	1348-BK
1/0	Red	SY6329G1	6329G1	SY949	949	SY944	1382-BK
2ga	Red	SY6329G5	6329G5	SY949	949	SY944-2	1383-BK
4ga	Red	SY6329G6	6329G6	SY949	949	SY944-4	1384-BK
6ga	Red	SY6329G7		SY949	949	SY944-6	1348-BK
<b>350amp</b>							
2/0	Grey	SY6320G1	6320G1	SY906	906	SY907	907-BK
4/0	Grey	SY6320G2	6320G2	SY906	906	SY908	908-BK
1/0	Grey	SY6320G3	6320G6	SY906	906	SY917	917-BK
3/0	Grey	SY6320G5	6320G5	SY906	906	SY916	916-BK
2/0	Blue	SY6321G1	6321G1	SY912	912	SY907	907-BK
4/0	Blue	SY6321G2	6321G2	SY912	912	SY908	908-BK
1/0	Blue	SY6321G3	6321G6	SY912	912	SY917	917-BK
3/0	Blue	SY6321G5	6321G5	SY912	912	SY916	916-BK
2/0	Red	SY6322G1	6322G1	SY913	913	SY907	907-BK
4/0	Red	SY6322G2	6322G2	SY913	913	SY908	908-BK
1/0	Red	SY6322G3	6322G6	SY913	913	SY917	917-BK
3/0	Red	SY6322G5	6322G5	SY913	913	SY916	916-BK
2/0	Yellow	SY6323G1	6323G1	SY914	914	SY907	907-BK
4/0	Yellow	SY6323G2	6323G2	SY914	914	SY908	908-BK
1/0	Yellow	SY6323G3	6323G6	SY914	914	SY917	917-BK
3/0	Yellow	SY6323G5	6323G5	SY914	914	SY916	916-BK
2/0	Green	SY6324G1	6324G1	SY931	931	SY907	907-BK
4/0	Green	SY6324G2	6324G2	SY931	931	SY908	908-BK
1/0	Green	SY6324G3	6324G6	SY931	931	SY917	917-BK
3/0	Green	SY6324G5	6324G5	SY931	931	SY916	916-BK
2/0	Orange	SY6400G1	6400G1	SY932	932	SY907	907-BK
4/0	Orange	SY6400G2	6400G2	SY932	932	SY908	908-BK
1/0	Orange	SY6400G3	6400G6	SY932	932	SY917	917-BK
3/0	Orange	SY6400G5	6400G5	SY932	932	SY916	916-BK

**SB® 3-Pole Connectors**



1/0	Grey	6316	• Polycarbonate housing
2awg	Grey	6316G10	• Connector, contact tips and hardware
	Grey	902	• Housing and spring kit only

## SBE®

- Single piece housings of impact resistant PBT offer both high physical strength and superior dielectric properties
- Silver plated solid copper contacts offer low resistance for superior conductivity
- Self cleaning contact design resists arcing by keeping conductive surfaces clean and free of corrosion
- Contacts have heat treated barrels that readily accept fine stranded wire and allow easy, quality crimping
- Auxiliary contacts provide a second optional circuit connection (SY6344)

Note: Assembly is one housing and two tips

- Cada uno de los alojamientos es resistente contra el impacto PBT y ofrece una alta resistencia física y excelentes propiedades dieléctricas
- Los contactos de cobre macizo plateados ofrecen baja resistencia para una conductividad superior
- El diseño de autolimpieza de los contactos resiste la formación de arco manteniendo las superficies conductoras limpias y libres de corrosión
- Los contactos tienen barriles tratados térmicamente que aceptan con facilidad alambre trenzado fino y permite un engarce fácil y de calidad
- Los alojamientos auxiliares proporcionan una conexión de circuito opcional

Nota: El conjunto se compone de una carcasa y dos boquillas

Les logements sont fabriqués d'une seule pièce constituée de PBT résistant aux chocs, ce qui offre à la fois une grande résistance physique et des propriétés diélectriques renforcées.

- Les contacts en cuivre massif plaqués argent offrent une faible résistance permettant une conductivité supérieure.
  - La conception autonettoyante des contacts empêche les décharges disruptives en maintenant les surfaces conductrices propres et exemptes de corrosion.
  - Les contacts disposent de fûts à sertir évasés ayant subi un traitement thermique ce qui permet d'y loger des fils fins à âme multibrin et facilite un sertissage de qualité.
  - Les contacts auxiliaires procurent une connexion vers un circuit secondaire.
- Note : L'ensemble est constitué d'un logement et de deux becs.



	Color	Assembly	APP® Assembly	Housing	APP® Housing	2 Piece Contact	Single Contact
<b>160amp</b>							
35sq mm	Grey	SYE6374G2	E6374G2	SYE6380G1	E6380G1	SY6384G2	6384G2-BK
35sq mm	Blue	SYE6375G2	E6375G2	SYE6381G1	E6381G1	SY6384G2	6384G2-BK
35sq mm	Orange	SYE6376G2	E6376G2	SYE6382G1	E6382G1	SY6384G2	6384G2-BK
35sq mm	Yellow	SYE6377G2	E6377G2	SYE6383G1	E6383G1	SY6384G2	6384G2-BK
35sq mm	Red	SYE6379G2	E6379G2	SYE6385G1	E6385G1	SY6384G2	6384G2-BK
35sq mm	Black	SYE6389G2	E6389G2	SYE6392G1	E6392G1	SY6384G2	6384G2-BK
35sq mm	Green	SYE6391G2	E6391G2	SYE6390G1	E6390G1	SY6384G2	6384G2-BK
<b>320amp</b>							
2/0	Brown	SYE6334G1	E6334G1	SYE6336	E6336	SY6354	6354-BK
3/0	Brown	SYE6334G2	E6334G2	SYE6336	E6336	SY6355	6355-BK
2/0	Purple	SYE6335G1	E6335G1	SYE6349	E6349	SY6354	6354-BK
3/0	Purple	SYE6335G2	E6335G2	SYE6349	E6349	SY6355	6355-BK
2/0	Grey	SYE6345G1	E6345G1	SYE6350	E6350	SY6354	6354-BK
3/0	Grey	SYE6345G2	E6345G2	SYE6350	E6350	SY6355	6355-BK
2/0	Blue	SYE6346G1	E6346G1	SYE6351	E6351	SY6354	6354-BK
3/0	Blue	SYE6346G2	E6346G2	SYE6351	E6351	SY6355	6355-BK
2/0	Red	SYE6347G1	E6347G1	SYE6352	E6352	SY6354	6354-BK
3/0	Red	SYE6347G2	E6347G2	SYE6352	E6352	SY6355	6355-BK
2/0	Green	SYE6348G1	E6348G1	SYE6353	E6353	SY6354	6354-BK
3/0	Green	SYE6348G2	E6348G2	SYE6353	E6353	SY6355	6355-BK
2/0	Black	SYE6363G1	E6363G1	SYE6361	E6361	SY6354	6354-BK
3/0	Black	SYE6363G2	E6363G2	SYE6361	E6361	SY6355	6355-BK
2/0	Yellow	SYE6364G1	E6364G1	SYE6362	E6362	SY6354	6354-BK
3/0	Yellow	SYE6364G2	E6364G2	SYE6362	E6362	SY6355	6355-BK
2/0	Orange	SYE6369G1	E6369G1	SYE6339	E6339	SY6354	6354-BK
3/0	Orange	SYE6369G2	E6369G2	SYE6339	E6339	SY6355	6355-BK

### SBE® Kits

• Includes housing, contacts and auxiliary contact

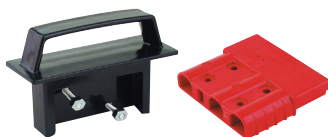
• Incluye el alojamiento, los contactos y el contacto auxiliar

• Inclut le logement, les contacts et le contact auxiliaire.



	Color	Assembly	APP® Assembly	Housing	APP® Housing	2 Piece Contact	Single Contact
<b>160amp</b>							
35 mm	Grey	SYE6370G2	E6370G2	SYE6380G1	E6380G1	SY6384G2	6384G2-BK
35 mm	Blue	SYE6371G2	E6371G2	SYE6381G1	E6381G1	SY6384G2	6384G2-BK
35 mm	Orange	SYE6372G2	E6372G2	SYE6382G1	E6382G1	SY6384G2	6384G2-BK
35 mm	Yellow	SYE6373G2	E6373G2	SYE6383G1	E6383G1	SY6384G2	6384G2-BK
35 mm	Red	SYE6378G2	E6378G2	SYE6385G1	E6379G1	SY6384G2	6384G2-BK
35 mm	Green	SYE6387G2	E6387G2	SYE6390G1	E6390G1	SY6384G2	6384G2-BK
35 mm	Black	SYE6388G2	E6388G2	SYE6392G1	E6392G1	SY6384G2	6384G2-BK
<b>320amp</b>							
2/0	Brown	SYE6332G1	E6332G1		E6336	SY6354	6354-BK
3/0	Brown	SYE6332G2	E6332G2		E6336	SY6355	6355-BK
2/0	Purple	SYE6333G1	E6333G1		E6349	SY6354	6354-BK
3/0	Purple	SYE6333G2	E6333G2		E6349	SY6355	6355-BK
2/0	Grey	SYE6340G1	E6340G1	SYE6350	E6350	SY6354	6354-BK
3/0	Grey	SYE6340G2	E6340G2	SYE6350	E6350	SY6355	6355-BK
2/0	Blue	SYE6341G1	E6341G1	SYE6351	E6351	SY6354	6354-BK
3/0	Blue	SYE6341G2	E6341G2	SYE6351	E6351	SY6355	6355-BK
2/0	Red	SYE6342G1	E6342G1	SYE6352	E6352	SY6354	6354-BK
3/0	Red	SYE6342G2	E6342G2	SYE6352	E6352	SY6355	6355-BK
2/0	Green	SYE6343G1	E6343G1	SYE6353	E6353	SY6354	6354-BK
3/0	Green	SYE6343G2	E6343G2	SYE6353	E6353	SY6355	6355-BK
2/0	Black	SYE6359G1	E6359G1	SYE6361	E6361	SY6354	6354-BK
3/0	Black	SYE6359G2	E6359G2	SYE6361	E6361	SY6355	6355-BK
2/0	Yellow	SYE6360G1	E6360G1	SYE6362	E6362	SY6354	6354-BK
3/0	Yellow	SYE6360G2	E6360G2	SYE6362	E6362	SY6355	6355-BK
2/0	Orange	SYE6368G1	E6368G1	SYE6339	E6339	SY6354	6354-BK
3/0	Orange	SYE6368G2	E6368G2	SYE6339	E6339	SY6355	6355-BK

### SBE® 160 3-Pole and Handle



Wire awg	Color	Part #	Description
<b>160amp</b>			
35mm	Red	SY69350	Connector
	Black	SYU127482	Handle, hardware

## SBX®

- Single piece housings of impact resistant polycarbonate offer both high physical strength and superior dielectric properties
- Silver plated solid copper contacts offer low resistance for superior conductivity
- Self cleaning contact design resists arcing by keeping conductive surfaces clean and free of corrosion
- Contacts have heat treated barrels that readily accept fine stranded wire and allow easy, quality crimping
- Integral stainless steel springs maintain constant pressure on the contact to insure a consistent, low resistance connection
- Mechanical keys in housing prevent mating of different color connectors, preventing mismatching of voltages
- Auxiliary contacts provide a secondary circuit connection

Note: Assembly is one housing and two tips

- Cada uno de los alojamientos, hechos con policarbonato resistente al impacto, ofrece alta resistencia física y propiedades dieléctricas superiores
- Los contactos de cobre macizo plateados ofrecen baja resistencia para una conductividad superior
- El diseño de autolimpieza de los contactos resiste la formación de arco manteniendo las superficies conductoras limpias y libres de corrosión
- Los contactos tienen barriles tratados térmicamente que aceptan con facilidad alambre trenzado fino y permite un engarce fácil y de calidad
- Los resortes totalmente en acero inoxidable mantienen una presión constante sobre el contacto para asegurar una conexión constante de baja resistencia
- Las llaves mecánicas en la carcasa evitan el acoplamiento de los conectores de color diferente, previniendo desajustes de tensiones
- Los contactos auxiliares proporcionan una segunda conexión opcional

Nota: El conjunto se compone de una carcasa y dos boquillas

- Les logements sont fabriqués d'une seule pièce constituée de polycarbonate résistant aux chocs, ce qui offre à la fois une grande résistance physique et des propriétés diélectriques renforcées.
- Les contacts en cuivre massif plaqués argent offrent une faible résistance permettant une conductivité supérieure.
- La conception autonettoyante des contacts empêche les décharges disruptives en maintenant les surfaces conductrices propres et exemptes de corrosion.
- Les contacts disposent de fûts à sertir évasés ayant subi un traitement thermique ce qui permet d'y loger des fils fins à âme multibrin et facilite un sertissage de qualité.
- Des ressorts en acier inoxydable intégrés maintiennent une pression permanente sur le contact afin d'assurer une connexion constante offrant une faible résistance.
- Des ergots mécaniques présents dans le logement empêchent l'accouplement de connecteurs de différentes couleurs, éliminant ainsi le risque d'un mauvais assortiment des voltages.
- Les contacts auxiliaires procurent une connexion vers un circuit secondaire.

Note : L'ensemble est constitué d'un logement et de deux becs.



	Color	Assembly	APP® Assembly	Housing	APP® Housing	2 Piece Contact	Single Contact
<b>175amp</b>							
1/0	Grey	SY6374G1	6374G1	SY6380G1	6380G1	SY6384G1	6384G1-BK
35sq mm	Grey	SY6374G2	6374G2	SY6380G1	6380G1	SY6384G2	6384G2-BK
1/0	Blue	SY6375G1	6375G1	SY6381G1	6381G1	SY6384G1	6384G1-BK
35sq mm	Blue	SY6375G2	6375G2	SY6381G1	6381G1	SY6384G2	6384G2-BK
1/0	Orange	SY6376G1	6376G1	SY6382G1	6382G1	SY6384G1	6384G1-BK
35sq mm	Orange	SY6376G2	6376G2	SY6382G1	6382G1	SY6384G2	6384G2-BK
1/0	Yellow	SY6377G1	6377G1	SY6383G1	6383G1	SY6384G1	6384G1-BK
35sq mm	Yellow	SY6377G2	6377G2	SY6383G1	6383G1	SY6384G2	6384G2-BK
1/0	Red	SY6379G1	6379G1	SY6385G1	6385G1	SY6384G1	6384G1-BK
35sq mm	Red	SY6379G2	6379G2	SY6385G1	6385G1	SY6384G2	6384G2-BK
1/0	Green	SY6391G1	6391G1	SY6390G1	6390G1	SY6384G1	6384G1-BK
35sq mm	Green	SY6391G2	6391G2	SY6390G1	6390G1	SY6384G2	6384G2-BK
<b>350amp</b>							
2/0	Grey	SY6345G1	6345G1	SY6350	6350	SY6354	6354-BK
3/0	Grey	SY6345G2	6345G2	SY6350	6350	SY6355	6355-BK
4/0	Grey	SY6345G3	6345G3	SY6350	6350	SY6356	6356-BK
2/0	Blue	SY6346G1	6346G1	SY6351	6351	SY6354	6354-BK
3/0	Blue	SY6346G2	6346G2	SY6351	6351	SY6355	6355-BK
4/0	Blue	SY6346G3	6346G3	SY6351	6351	SY6356	6356-BK
2/0	Red	SY6347G1	6347G1	SY6352	6352	SY6354	6354-BK
3/0	Red	SY6347G2	6347G2	SY6352	6352	SY6355	6355-BK
4/0	Red	SY6347G3	6347G3	SY6352	6352	SY6356	6356-BK
2/0	Green	SY6348G1	6348G1	SY6353	6353	SY6354	6354-BK
3/0	Green	SY6348G2	6348G2	SY6353	6353	SY6355	6355-BK
4/0	Green	SY6348G3	6348G3	SY6353	6353	SY6356	6356-BK
2/0	Black	SY6363G1	6363G1	SY6361	6361	SY6354	6354-BK
3/0	Black	SY6363G2	6363G2	SY6361	6361	SY6355	6355-BK
4/0	Black	SY6363G3	6363G3	SY6361	6361	SY6356	6356-BK
2/0	Yellow	SY6364G1	6364G1	SY6362	6362	SY6354	6354-BK
3/0	Yellow	SY6364G2	6364G2	SY6362	6362	SY6355	6355-BK
4/0	Yellow	SY6364G3	6364G3	SY6362	6362	SY6356	6356-BK
2/0	Orange	SY6369G1	6369G1	SY6339	6339	SY6354	6354-BK
3/0	Orange	SY6369G2	6369G2	SY6339	6339	SY6355	6355-BK
4/0	Orange	SY6369G3	6369G3	SY6339	6339	SY6356	6356-BK

## SBX® Kits

• Includes housing, contacts and auxiliary contact

• Incluye la carcasa, los contactos y el contacto auxiliar

• Inclut le logement, les contacts et le contact auxiliaire











	Color	Assembly	APP® Assembly	Housing	APP® Housing	2 Piece Contact	Single Contact
<b>175amp</b>							
1/0	Grey	SY6370G1	6370G1	SY6380G1	6380G1	SY6384G1	6384G1-BK
35sq mm	Grey	SY6370G2		SY6380G1	6380G1	SY6384G2	6384G2-BK
1/0	Blue	SY6371G1	6371G1	SY6381G1	6381G1	SY6384G1	6384G1-BK
35sq mm	Blue	SY6371G2	6371G2	SY6381G1	6381G1	SY6384G2	6384G2-BK
1/0	Orange	SY6372G1	6372G1	SY6382G1	6382G1	SY6384G1	6384G1-BK
35sq mm	Orange	SY6372G2	6372G2	SY6382G1	6382G1	SY6384G2	6384G2-BK
1/0	Yellow	SY6373G1	6373G1	SY6383G1	6383G1	SY6384G1	6384G1-BK
35sq mm	Yellow	SY6373G2	6373G2	SY6383G1	6383G1	SY6384G2	6384G2-BK
1/0	Red	SY6378G1	6378G1	SY6385G1	6385G1	SY6384G1	6384G1-BK
35sq mm	Red	SY6378G2	6378G2	SY6385G1	6385G1	SY6384G2	6384G2-BK
1/0	Green	SY6387G1	6387G1	SY6390G1	6390G1	SY6384G1	6384G1-BK
35sq mm	Green	SY6387G2		SY6390G1	6390G1	SY6384G2	6384G2-BK
<b>350amp</b>							
2/0	Grey	SY6340G1	6340G1	SY6350	6350	SY6354	6354-BK
3/0	Grey	SY6340G2	6340G2	SY6350	6350	SY6355	6355-BK
4/0	Grey	SY6340G3	6340G3	SY6350	6350	SY6356	6356-BK
2/0	Blue	SY6341G1	6341G1	SY6351	6351	SY6354	6354-BK
3/0	Blue	SY6341G2	6341G2	SY6351	6351	SY6355	6355-BK
4/0	Blue	SY6341G3	6341G3	SY6351	6351	SY6356	6356-BK
2/0	Red	SY6342G1	6342G1	SY6352	6352	SY6354	6354-BK
3/0	Red	SY6342G2	6342G2	SY6352	6352	SY6355	6355-BK
4/0	Red	SY6342G3	6342G3	SY6352	6352	SY6356	6356-BK
2/0	Green	SY6343G1	6343G1	SY6353	6353	SY6354	6354-BK
3/0	Green	SY6343G2	6343G2	SY6353	6353	SY6355	6355-BK
4/0	Green	SY6343G3	6343G3	SY6353	6353	SY6356	6356-BK
2/0	Black	SY6359G1	6359G1	SY6361	6361	SY6354	6354-BK
3/0	Black	SY6359G2	6359G2	SY6361	6361	SY6355	6355-BK
4/0	Black	SY6359G3	6359G3	SY6361	6361	SY6356	6356-BK
2/0	Yellow	SY6360G1	6360G1	SY6362	6362	SY6354	6354-BK
3/0	Yellow	SY6360G2	6360G2	SY6362	6362	SY6355	6355-BK
4/0	Yellow	SY6360G3	6360G3	SY6362	6362	SY6356	6256-BK
2/0	Orange	SY6368G1	6368G1	SY6339	6339	SY6354	6354-BK
3/0	Orange	SY6368G2	6368G2	SY6339	6339	SY6355	6355-BK
4/0	Orange	SY6368G3	6368G3	SY6339	6339	SY6356	6356-BK

Accessories for SB®, SBE® & SBX® Connectors  
Connectors not included

Accesorios para Conectores SB®, SBE® & SBX®  
Los conectores no están incluidos

Accessoires pour les connecteurs SB®, SBE® & SBX®  
Les connecteurs ne sont pas inclus.

Connector Handles	Part #	Application	Description	
	SY50H	50amp	Red	
	SY175-H	175amp	Red	
	SY175-350H	175, 350amp	Red	
Steel Kits - Anderson Style 	SY911-RS	175, 350amp	Steel	
	SY911-C (Coated Steel)	175, 350amp	Red	
Polycarbonate Kits 	SY994	50 - 120amp	Gray	
	SY994BLACK	50 - 120amp	Black	
	SY994RED	50 - 120amp	Red	
	SY995	160 - 350amp	Gray	
	SY995BLACK	160 - 350amp	Black	
	SY995RED	160 - 350amp	Red	
	995G1	175amp	Gray	
	995G2	350amp	Gray	
	995G3	175amp	Red	
	995G4	350amp	Red	
Connector Dust Covers 	STC902-BLK	350amp	Black	
	STC902-RED	350amp	Red	
	STC903	50amp	Red	
	STC904	50amp	Black	
	STC908-BLK	175amp	Black	
	STC908-RED	175amp	Red	
		134G1	50amp	Red
		134G2	175amp	Red
		134G3	350amp	Red
		134G4	120amp	Black
		STC905	175amp	Black
		STC906	350amp	Black
		Protective Boot 	126411	50amp
126412	175amp		Black	
126413	350amp		Black	

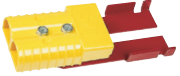





**ACCESSORIES ACCESORIOS ACCESSOIRES**


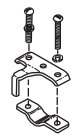

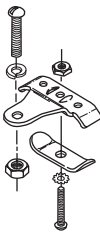
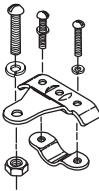
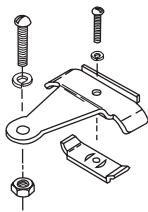
Accessories for SB®, SBE® & SBX® Connectors  
Connectors not included

Accesorios para Conectores SB®, SBE® & SBX®  
Los conectores no están incluidos

Accessoires pour les connecteurs SB®, SBE® & SBX®  
Les connecteurs ne sont pas inclus.

Connector Manual Releases	Part #	Application	Description
	SY175M	SB® 175amp	Red Mounting Half with Hardware for Charger or Truck
	SY350M	SB® 350amp	
	SY175L	SB® 175amp	Locking Handle with Clamps and Hardware
	SY350L	SB® 350amp	
	SY993G1	SBE® 320amp SBX® 350amp	Mounting Half with Hardware, for Charger or Truck
	SY993G2	SBE® 160amp SBX® 175amp	
	SY994G1	SBE® 320amp SBX® 350amp	Locking Handle with Hardware, for Battery
	SY994G2	SBE® 160amp SBX® 175amp	

**Cable Clamps**

Application: 50amp		Application: 175amp			Application: 350amp
SY990	SY5905	SY945	SY945G3	SY946G1	SY996G1
					
2 Single Conductor	1 Twin Conductor	2 Single Conductor	Used with Handle Only	1 Twin Conductor	2 Single Conductor

Note: Required by UL when contacts are soldered to unsupported leads

<p><b>Application: SBE®, SBX®</b></p> <p>SY945G7</p>  <p>2 Single or 1 Twin Conductor</p>	<p><b>Application: SBE® 160amp, SBX® 175amp</b></p> <p>SY945G2</p>  <p>2 Single or 1 Twin Conductor</p>	<p><b>Application: SBE® 320amp, SBX® 175amp</b></p> <p>SY911G2</p>  <p>2 Single or 1 Twin Conductor</p>
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Accessories for SB®, SBE® & SBX® Connectors  
Connectors not included

Accesorios para Conectores SB®, SBE® & SBX®  
Los conectores no están incluidos

Accessoires pour les connecteurs SB®, SBE® & SBX®  
Les connecteurs ne sont pas inclus.

Connector Lock-Outs	Part #	Application	Color
	SY175-LOCKOUT (Lock not included)	SB® 175amp	Red
	SY350-LOCKOUT (Lock not included)	SB® 350amp	Red
<b>Key Kits</b>			<b>Description</b>
	SY1105	SB® 50amp	Can be mounted to prevent charger to SCR panel connector halves from engaging while still allowing battery and truck connector halves to engage
	SY1120	SB® 175, 350amp	
	111197	SB® 175amp	
	111197G1	SB® 350amp	
	SY6337G1	SBE®, SBX®	Charger Key Kit
	SY6344	SBE®, SBX®	Auxiliary Contact Key Kit
<b>SY® Fusion Contact Tips</b>			
	SY121105	175amp 2 & 4awg	Pre-loaded with flux and solder, ready-to-use, just add heat
	SY121107	175amp 1/0	
	SY121108	350amp 2/0	Especially good in presence of destructive vibration or corrosive chemicals
	SY121109	350amp 3/0	
	SY121110	350amp 4/0	
			Pull-out strength better than any crimp method
			Solid copper contact
<b>Connector Tip Extraction Tools</b>			
	969P1	SBX® 175	
	970P1	SBX® 350	
	SY1016	For 160-350a Flat wipe	
<b>Reducer Bushings</b>			
	SY5910	50amp 6 to 10 & 12awg	
	SY5687	175amp 1/0 - 1awg	
	SY5690	175amp 1/0 - 2awg	
	SY5693	175amp 1/0 - 4awg	
	SY5918	350amp 2/0 - 1/0	
<b>Lock Box</b>			
	SYSB-LOCKBOX	SBE® 160/320amp SBE® 175/350amp Euro/Din	
	SYSB-LOCKBOX-2	SB® SBX® SBE® Din	Lock not included

## SP® Single Pole Connector

- Single piece housings of impact resistant polycarbonate offer both high physical strength and superior dielectric properties
- Silver plated solid copper contacts offer low resistance for superior conductivity
- Self cleaning contact design resists arcing by keeping conductive surfaces clean and free of corrosion
- Contacts have flared and heat treated barrels that readily accept fine stranded wire and allow easy, quality crimping
- Integral stainless steel springs maintain constant pressure on the contact to insure a consistent, low resistance connection
- Interchangeable, genderless design
- Allows custom multi-pole configurations

- Cada uno de los alojamientos, hechos con policarbonato resistente al impacto, ofrece alta resistencia física y excelentes propiedades eléctricas.
- Los contactos de cobre macizo plateados ofrecen baja resistencia para una conductividad superior
- El diseño de autolimpieza de los contactos resiste la formación de arco manteniendo las superficies conductoras limpias y libres de corrosión
- Los contactos tienen barriles tratados térmicamente que aceptan con facilidad alambre trenzado fino y permite un engarce fácil y de calidad
- Los resortes totalmente en acero inoxidable mantienen una presión constante sobre el contacto para asegurar una conexión constante de baja resistencia
- Diseño sin género, intercambiable
- Permite configuraciones multipolares personalizadas

- Les logements sont fabriqués d'une seule pièce constituée de polycarbonate résistant aux chocs, ce qui offre à la fois une grande résistance physique et des propriétés diélectriques renforcées
- Les contacts en cuivre massif plaqués argent offrent une faible résistance permettant une conductivité supérieure
- La conception autonettoyante des contacts empêche les décharges disruptives en maintenant les surfaces conductrices propres et exemptes de corrosion
- Les contacts disposent de fûts à sertir évasés ayant subi un traitement thermique ce qui permet d'y loger des fils fins à âme multibrin et facilite un sertissage de qualité
- Des ressorts en acier inoxydable intégrés maintiennent une pression permanente sur le contact afin d'assurer une connexion constante offrant une faible résistance
- Conception interchangeable, permettant l'utilisation de prises mâle ou femelle
- Permettent des configurations multipôles sur mesure



	Color	Assembly	Contact	Housing
<b>15amp</b>				
16-20ga	Red	SP1395	1332-BK	1327-BK
16-20ga	Green	SP1395G3	1332-BK	1327G5-BK
16-20ga	Black	SP1395G1	1332-BK	1327G6-BK
16-20ga	White	SP1395G2	1332-BK	1327G7-BK
16-20ga	Blue	SP1395G4	1332-BK	1327G8-BK
<b>30amp</b>				
12-16ga	Red	SP1330	1331-BK	1327-BK
12-16ga	Green	SP1330G2	1331-BK	1327G5-BK
12-16ga	Black	SP1330G4	1331-BK	1327G6-BK
12-16ga	White	SP1330G5	1331-BK	1327G7-BK
12-16ga	Blue	SP1330G12	1331-BK	1327G8-BK
<b>75amp</b>				
6ga	Blue	SP1300	5900-BK	5916-BK
8ga	Blue	SP1300-8	5952-BK	5916-BK
10-12ga	Blue	SP1300-10	5915-BK	5916-BK
6ga	Black	SP1300G4	5900-BK	5916G4-BK
8ga	Black	SP1300G4-8	5952-BK	5916G4-BK
10-12ga	Black	SP1300G4-10	5915-BK	5916G4-BK
6ga	White	SP1300G5	5900-BK	5916G5-BK
8ga	White	SP1300G5-8	5952-BK	5916G5-BK
10-12ga	White	SP1300G5-10	5915-BK	5916G5-BK
6ga	Red	SP1300G3	5900-BK	5916G7-BK
8ga	Red	SP1300G3-8	5952-BK	5916G7-BK
10-12ga	Red	SP1300G3-10	5915-BK	5916G7-BK
6ga	Green	SP1300G2	5900-BK	5916G6-BK
8ga	Green	SP1300G2-8	5952-BK	5916G6-BK
10-12ga	Green	SP1300G2-10	5915-BK	5916G6-BK
<b>120amp</b>				
2ga	Blue	SP1320	1319-BK	1321-BK
4ga	Blue	SP1320-4	1319G4-BK	1321-BK
6ga	Blue	SP1320-6	1319G6-BK	1321-BK
2ga	Black	SP1320G1	1319-BK	1321G1-BK
4ga	Black	SP1320G1-4	1319G4-BK	1321G1-BK

	Color	Assembly	Contact	Housing
6ga	Black	SP1320G1-6	1319G6-BK	1321G1-BK
2ga	White	SP1320G2	1319-BK	1321G2-BK
4ga	White	SP1320G2-4	1319G4-BK	1321G2-BK
6ga	White	SP1320G2-6	1319G6-BK	1321G2-BK
2ga	Red	SP1320G3	1319-BK	1321G3-BK
4ga	Red	SP1320G3-4	1319G4-BK	1321G3-BK
6ga	Red	SP1320G3-6	1319G6-BK	1321G3-BK
2ga	Green	SP1320G4	1319-BK	1321G4-BK
4ga	Green	SP1320G4-4	1319G4-BK	1321G4-BK
6ga	Green	SP1320G4-6	1319G6-BK	1321G4-BK
<b>180amp</b>				
1/0	Blue	SP1380	1382-BK	1381-BK
1ga	Blue	SP1380-1	1347-BK	1381-BK
2ga	Blue	SP1380-2	1383-BK	1381-BK
4ga	Blue	SP1380-4	1384-BK	1381-BK
1/0	Black	SP1380G1	1382-BK	1381G1-BK
1ga	Black	SP1380G1-1	1347-BK	1381G1-BK
2ga	Black	SP1380G1-2	1383-BK	1381G1-BK
4ga	Black	SP1380G1-4	1384-BK	1381G1-BK
1/0	White	SP1380G2	1382-BK	1381G2-BK
1ga	White	SP1380G2-1	1347-BK	1381G2-BK
2ga	White	SP1380G2-2	1383-BK	1381G2-BK
4ga	White	SP1380G2-4	1384-BK	1381G2-BK
1/0	Red	SP1380G3	1382-BK	1381G3-BK
1ga	Red	SP1380G3-1	1347-BK	1381G3-BK
2ga	Red	SP1380G3-2	1383-BK	1381G3-BK
4ga	Red	SP1380G3-4	1384-BK	1381G3-BK
1/0	Green	SP1380G4	1382-BK	1381G4-BK
1ga	Green	SP1380G4-1	1347-BK	1381G4-BK
2ga	Green	SP1380G4-2	1383-BK	1381G4-BK
4ga	Green	SP1380G4-4	1384-BK	1381G4-BK

Accessories for SP® Connectors  
Connectors not included




- POWERPak® housings offer high impact and corrosion-resistant black nylon outer
- Easy connection and disconnection of electrical equipment in commercial and industrial applications
- Cable clamps and integral latches prevent accidental disconnection of your equipment
- Accommodates 2 - 8awg, 20amp maximum circuits
- For 15/30amp Powerpole® housings

Accesorios para Conectores SP®  
Los conectores no están incluidos

- Los alojamientos POWERPak®, ofrecen un nylon exterior de color negro con una alta resistencia al impacto y a la corrosión
- Fácil conexión y desconexión de los aparatos eléctricos en aplicaciones comerciales e industriales
- Las abrazaderas de los cables y los pestillos integrales evitan la desconexión accidental del equipo
- Con capacidad de 2 - 8awg, 20amp circuitos como máximo
- Para carcasas Powerpole® de 15/30amp

Accessoires pour les connecteurs SP®  
Les connecteurs ne sont pas inclus.

- Les logements POWERPak® présentent des sorties protégées par un nylon noir offrant une grande résistance aux chocs et les protégeant de la corrosion.
- Ils permettent des connexions et déconnexions faciles des équipements électriques aussi bien pour des applications commerciales qu'industrielles.
- Les dispositifs de fixation et de verrouillage intégrés des câbles empêchent les déconnexions accidentelles de votre équipement.
- Permettent l'utilisation de circuits de 2 à 8 awg, et de 20 ampères maximum.
- Pour les logements Powerpole® de 15/30 ampères.




POWERPak® Housings	Description	Image	
2-4 Pole 	SY1460G1	Housing for plug w/ latch	First
	SY1461G1	Housing for plug w/o latch	Second
	SY1470G1	Receptacle for plug	Third
	SY115G1	Hardware kit for plug	Fourth
6 Pole 	SY1460G2	Housing for plug w/ latch	First
	SY1461G2	Housing for plug w/o latch	Second
	SY1470G2	Receptacle for plug	Third
	SY115G2	Hardware kit for plug	Fourth
8 Pole 	SY1460G3	Housing for plug w/ latch	First
	SY1461G3	Housing for plug w/o latch	Second
	SY1470G3	Receptacle for plug	Third
	SY115G3	Hardware kit for plug	Fourth



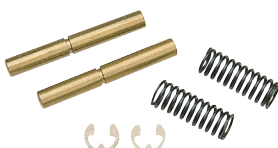
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Reconocidos por el programa de componentes de  
Underwriters Laboratories, Inc.

Reconnus dans le cadre du programme de l'Underwriters  
Laboratories, Inc.

## EC® & YC® CONNECTORS EC® & YC® CONECTORES EC® & YC® CONNECTEURS

EC® Locking Half	Part #	Description
	5810B	2/0 Steel
	5821B	4/0 Steel
EC® Mounting Half	5816B	2/0 Steel
		
EC® Charging Half	5804B	2/0 Steel
		

EC® Insulation Assembly	Part #	Description
	951	2/0 - 4/0 Contact Holder
EC® Power Contact Assembly	953	2/0
	954	4/0
EC® Auxiliary Contact Assembly	SY955	
		



## EC® & YC® CONNECTORS EC® & YC® CONECTORES EC® & YC® CONNECTEURS

### YC® Receptacle Truck Half



Part #	Description
7205G1	1/0 Phenolic truck half kit
7205	2/0 Phenolic truck half kit
956	Standard housing
SY958	2/0 Standard contact kit

### YC® Aluminum Plug Battery Half



7204G1	1/0 Aluminum battery half kit
7204	2/0 Aluminum battery half kit
964	2/0 Standard contact kit

### YC® Polycarbonate Plug Battery Half



SYL7204	2/0 Polycarbonate battery half kit
SY964G1	2/0 Standard contact kit
SYL963	Standard housing

YC® connectors subject to availability.

YC® Conectores sujetos a disponibilidad

YC® Connecteurs sous réserve de disponibilité.

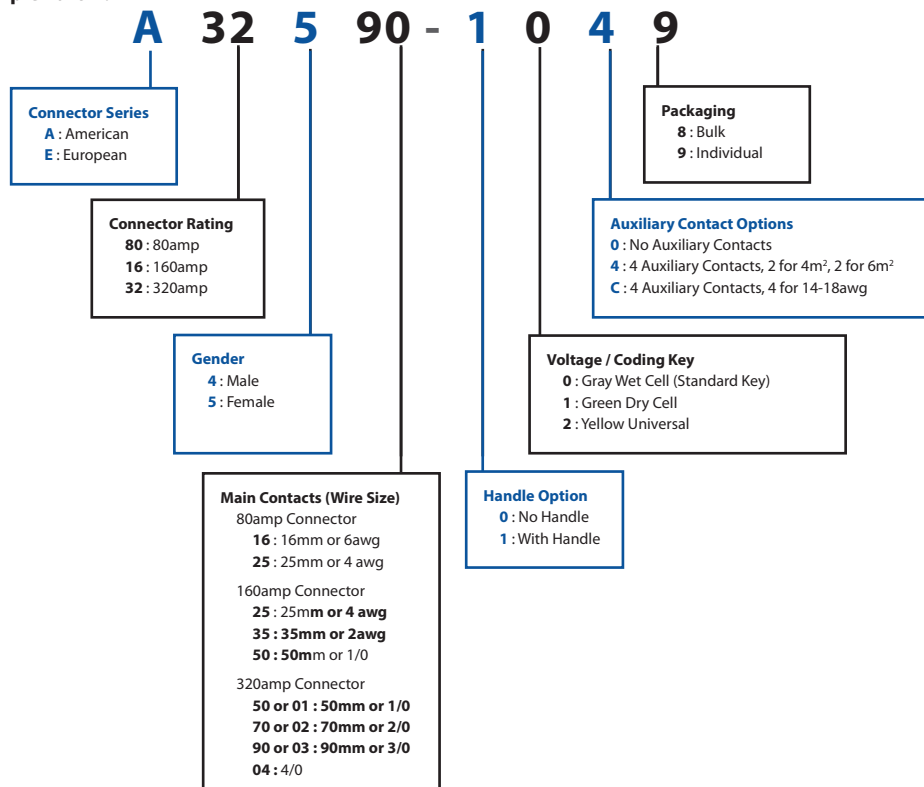
## EBC/DIN CONNECTORS EBC/DIN CONECTORES EBC/DIN CONNECTEURS

### EBC/DIN Selection Guide

This guide covers the EBC/DIN connectors most commonly found in the North American market.

Note: Many other EBC/DIN connector options exist, primarily for applications in markets outside North America. Please contact your sales representative or customer service for availability.

Example Part # :



Este guía abarca los conectores EBC/DIN más comunes en el mercado de América del Norte.

Nota: Existen muchas otras opciones de conectores EBC/DIN, principalmente para aplicaciones en los mercados fuera de Norteamérica. Póngase en contacto con su representante de ventas o servicio al cliente para su disponibilidad.

Ce guide porte sur les connecteurs EBC/DIN qui sont le plus fréquemment rencontrés sur le marché nord-américain.


Note : Beaucoup d'autres options liées aux connecteurs EBC/DIN existent, principalement pour des applications existant sur des marchés situés en dehors de l'Amérique du Nord. Nous vous invitons à contacter votre représentant ou service clientèle afin de vous renseigner sur leur disponibilité.





## DIN/Euro Conversion Chart

Contact Size	Suggested Wire Size
16mm <sup>2</sup>	6ga
25mm <sup>2</sup>	4ga
35mm <sup>2</sup>	2ga
50mm <sup>2</sup>	1/0
70mm <sup>2</sup>	2/0
95mm <sup>2</sup>	3/0


EBC/DIN Female	Part #	Description
----------------	--------	-------------

	A80525-0009	25mm
	A80525-1009	25mm w/ Handle


	A16550-1049	50mm w/ Handle & 4 Auxiliary Tips
	A16550-0049	50mm w/ 4 Auxiliary Tips

	A32550-1009	50mm w/ Handle
	A32570-0009	70mm
	A32595-0049	95mm w/ 4 Auxiliary Tips
	A32504-00C9	4/0 w/ 4 Auxiliary Tips

EBC/DIN Male	Part #	Description
--------------	--------	-------------

	A80425-0009	25mm
	A80425-1009	25mm w/ Handle

	A16450-0009	50mm
	A16450-1049	50mm w/ Handle & 4 Auxiliary Tips

	A32450-1009	50mm w/ Handle
	A32470-1009	70mm w/ Handle
	A32495-1049	95mm w/ Handle & 4 Auxiliary Tips
	A32404-10C9	4/0 w/ Handle & 4 Auxiliary Tips

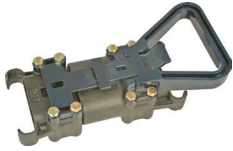
**ACCESSORIES** ACCESORIOS ACCESSOIRES

Accessories for EBC/DIN Connectors  
Connectors not included

Accesorios para Conectores EBC/DIN  
Los conectores no están incluidos

Accessoires pour les connecteurs EBC/DIN.  
Les connecteurs ne sont pas inclus.

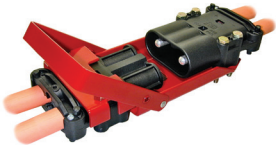
**Din Latch**



Part #	Description
A320H	EBC A frame handle without hardware
A320HL	EBC A frame handle and latch assembly without hardware
A320LP	EBC Latch plate without hardware

Add -MK to the part number to include hardware

**Manual Release**



993G4	EBC 320amp Battery bracket
994G4	EBC 320amp Charger/truck bracket & handle

**Handles**



320-8	DIN Handle, No screws, 160/320amp
32-89	DIN Handle Kit (with screws), 160/320amp
E165-89	DIN Handle, Low Profile, 160/320amp
180-89	DIN Handle, 80amp



SY160-88S	DIN Handle, Metal, Red, 320amp
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SY994G4HD	DIN Handle, Locking, Heavy Duty
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**Main Contact Tips**

**Male**



320-1004	DIN 320amp 4/0 pin
320-1050	DIN 320amp 50mm or 1/0 pin
320-1070	DIN 320amp 70mm or 2/0 pin
320-1095	DIN 320amp 95mm or 3/0 pin

**Female**



320-1104	DIN 320amp 4/0 socket
320-1150	DIN 320amp 50mm or 1/0 socket
320-1170	DIN 320amp 70mm or 2/0 socket
320-1170	DIN 320amp 70mm or 2/0 socket

**Auxillary Contact Tips**

**Male**



160-12	DIN 160/320amp 6mm Auxiliary pin, Lower
160-14	DIN 160/320amp 4mm Auxiliary pin, Upper
320-22	DIN 320amp 14-18awg Auxiliary pin, Lower
320-24	DIN 320amp 14-18awg Auxiliary pin, Upper

**Female**



160-13	DIN 160/320amp 6mm Auxiliary socket, Lower
160-15	DIN 160/320amp 4mm Auxiliary socket, Upper
320-23	DIN 320amp 14-18awg Auxiliary socket, Lower
320-25	DIN 320amp 14-18awg Auxiliary socket, Upper



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