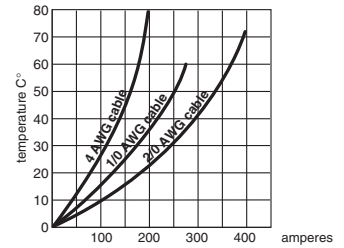




AMPERE / TEMPERATURE CURVES

· Ampere/Temperature curves help to evaluate and rate SY connectors in terms of applied load versus temperature rise. The graph shows some typical curves resulting from loading popular cable sizes into various connector housings**, curves for cables between the smallest and largest can be easily estimated. Thus with consideration of both ampere and temperature characteristics, connectors can be selected according to load and temperature limits or requirements of particular installations.

** Detailed specifications are available



SY50, SY175 & SY350 SERIES

UL COMPATIBILITY REFERENCE GUIDE

· Underwriters Laboratories recognizes compatibility of SY Series Battery Connectors with Anderson Power Products SB® Series Connectors

HOUSINGS WITH 2 CONTACTS

WIRE SIZE	TOTALSOURCE #	APP #	INTRUPA #	LPM #	COLOR	CURRENT RATING
50AMP						
6GA	SY6319	6319	INAN-134	LP317-1720	Gray	50
10GA	SY6319G1	6319G1	INAN-313X	LP317-1721	Gray	30AMP
12GA	SY6319G1	6319G1	INAN-313X	LP317-1721	Gray	20AMP
6GA	SY6331G1	6331G1	INAN-133X	LP317-1719	Red	50AMP
10GA	SY6331G2	6331G2	INAN-312X	LP317-1717	Red	30AMP
12GA	SY6331G2	6331G2	INAN-312X	LP317-1717	Red	20AMP
175AMP						
1/0	SY6325G1	6325G1	INAN-130AX	LP317-1752	Gray	175AMP
1/0	SY6326G1	6326G1	INAN-212X	LP317-1753	Blue	175AMP
1/0	SY6327G1	6327G1	INAN-213X	LP317-1754	Orange	175AMP
1/0	SY6328G1	6328G1	INAN-214X	LP317-1755	Yellow	175AMP
1/0	SY6329G1	6329G1	INAN-251X	LP317-1756	Red	175AMP
350AMP						
2/0	SY6320G1	6320G1	INAN-135X	LP317-1722	Gray	225AMP
3/0	SY6320G5	6320G5	INAN-255X	LP317-1726	Gray	275AMP
4/0	SY6320G2	6320G2	INAN-254X	LP317-1723	Gray	300AMP
2/0	SY6321G1	6321G1	INAN-201X	LP317-1728	Blue	225AMP
3/0	SY6321G5	6321G5	INAN-279X	LP317-1732	Blue	275AMP
4/0	SY6321G2	6321G2	INAN-278X	LP317-1729	Blue	300AMP
2/0	SY6322G1	6322G1	INAN-202X	LP317-1734	Red	225AMP
3/0	SY6322G5	6322G5	INAN-281X	LP317-1735	Red	275AMP
4/0	SY6322G2	6322G2	INAN-280X	LP317-1736	Red	300AMP
2/0	SY6323G1	6323G1	INAN-203X	LP317-1740	Yellow	225AMP
3/0	SY6323G5	6323G5	INAN-283X	LP317-1741	Yellow	275AMP
4/0	SY6323G2	6323G2	INAN-282X	LP317-1742	Yellow	300AMP
2/0	SY6324G1	6324G1	INAN-207X	LP317-1746	Green	225AMP
3/0	SY6324G5	6324G5	INAN-298X	LP317-1750	Green	275AMP
4/0	SY6324G2	6324G2	INAN-284X	LP317-1751	Green	300AMP
2/0	SY6400G1	6400G1			Orange	225AMP
3/0	SY6400G5	6400G5			Orange	275AMP
4/0	SY6400G2	6400G2			Orange	300AMP

® Registered trademark, Anderson Power Products * UL requires minimum 65°C wire or cable for this rating

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