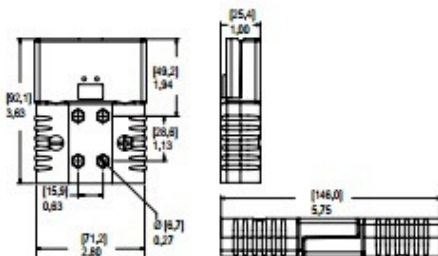


SBE160 connector

UL Current rating	160 A*
UL Voltage ratings	150 V*
Contact barrel wire size	1/0 or 35 mm AWG
Maximum wire insulation diameter	0,75 inches 19,1 mm ²
AVG contact resistance	100 mΩ
Insulation withstanding test voltage	1300 VAC/DC
Contact retention force	300 lbf
Life a. No load (contact/disconnect cycles) b. Under load (Hot Plug 250 cycles @ 120 V)	To 10 000A 75 A
Avg. connection/disconnect	25 lbf
Operating temperature range	-20 °C to 105 °C ** -4 °F to 221 °F
Flammability rating of housing material	UL94 V-0

Dimensions



- * UL Rated for 65 °C largest wire or cable size
- ** Contact factory for higher temperature rated connector



Complete connector: 2 pole housing with 160 A contacts

REF	Housing color	Wire	
		AWG	mm ²
123TA9503	Grey	/	35
106TA9820	Grey	/	50
126TA6103	Blue	/	35
106TA9821	Blue	/	50
138TA4453	Orange	/	35
106TA9818	Orange	/	50
138TA4454	Yellow	/	35
138TA4456	Yellow	/	50
126TA6198	Red	/	35
106TA9819	Red	/	50
106TA9815	Green	/	35
106TA9822	Green	/	50
138TA4455	Black	/	35
106TA9823	Black	/	50

2 pole housing with 160 A contacts and auxilliary contacts

REF	Housing color	Wire	
		AWG	mm ²
138TA4457	Grey	/	35
138TA4458	Blue	/	35
138TA4459	Orange	/	35
138TA4460	Yellow	/	35
138TA4461	Red	/	35
138TA4462	Green	/	35
138TA4463	Black	/	35

Housings only

REF	Housing color
138TA4464	Grey
138TA4465	Blue
138TA4466	Orange
138TA4467	Yellow
138TA4468	Red
138TA4469	Green
138TA4470	Black

Contact sets

REF	Description	Wire	
		AWG	mm ²
106TA9841	Contact set	/	35
106TA9842	Contact set	1/0	53,5