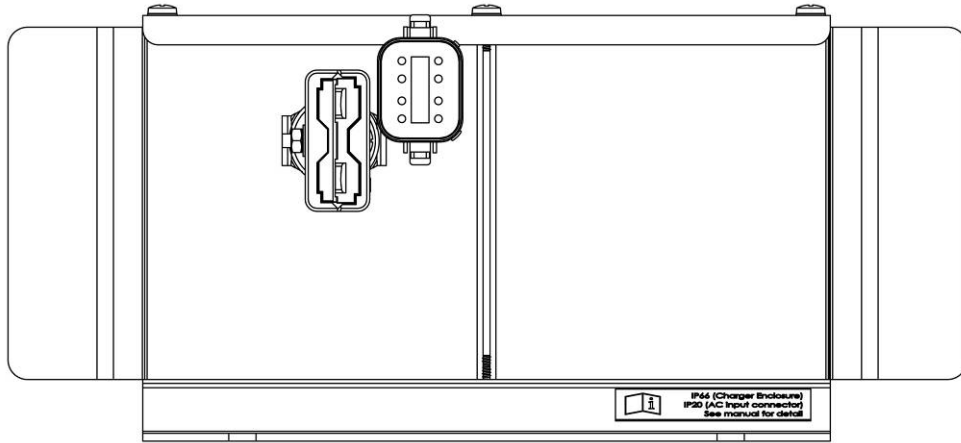
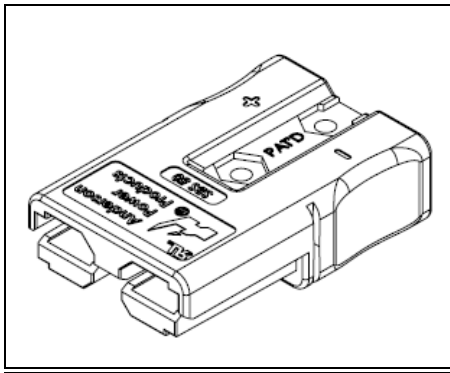


3.3.2 24V / 36V / 48V / 72V / 84V / 96V Model

912-2454, 912-3654, 912-4854, 912-7254, 912-8454, and 912-9654



DC Output Connector



Connector: 24V – Red (SBS50RED)
 36V – Gray (SBS50GRA)
 48V – Blue (SBS50BLU)
 72V – Green (SBS50GRN)
 84V – Black (SBS50BLK)
 96V – Brown (SBS50BRN)

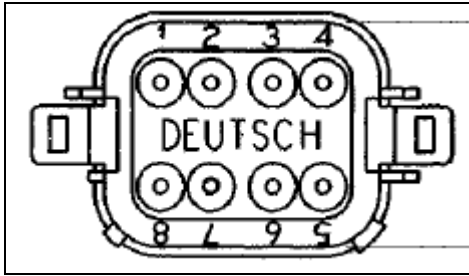
Mates with: Same as above, depending on voltage.

Recommended Contact: 1339G3 with 12AWG wire

Pin Configuration

Conn. Pin No.	Wire Dia. (AWG)	Description	Notes
"–"	6 – 16	Battery Negative	Minimum recommended wire gauges: 24V / 36V: 12AWG 48V / 72V: 14AWG (use 5913 with 1339G2) 84V / 96V: 16AWG (use 5913 with 1339G2)
"+"	6 - 16	Battery Positive	

Signal Connector



Connector: Deutsch DT06-08SA

Mating Connector: Deutsch DT04-08PA with W8P wedge lock

Recommended

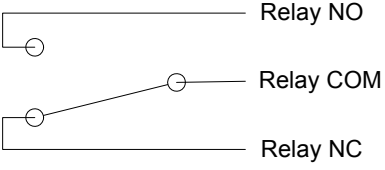
Contacts: 1060-16-0122, stamped & formed (supports 14-18AWG)
0460-202-16141, solid (supports 16-20AWG)

Supported Wire

Insulation: 2.24-3.68mm diameter (0.088-0.145" dia)

NOTE: Sealing Plug 114017 will be required for pin 8

Pin Configuration

Conn. Pin No.	Wire Dia. (AWG)	Description	Notes
1	14 – 20	Temp Sense +	Connect to NTC 10k 5% Thermistor. IMPORTANT: Connect to Battery Negative or Temp Sense Negative if not used.
2	14 – 20	Temp Sense -	Internally connected to battery negative; 10k NTC 5% Thermistor. See Accessory Information below.
3	14 – 20	Relay NC	Normally Closed
4	14 – 20	Relay COM	Common, 1A maximum. Inline 1A fuse installation recommended. 
5	14 – 20	Relay NO	Normally Open
6	14 – 20	LED +	Red Cathode, 4.5mA See Accessory Information below.
7	14 – 20	LED -	Green Cathode, 4.5mA See Accessory Information below.
8	-	NOT USED	Install sealing plug 114017