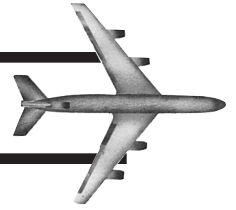

THE ANDERSON FAMILY RECEPTACLES

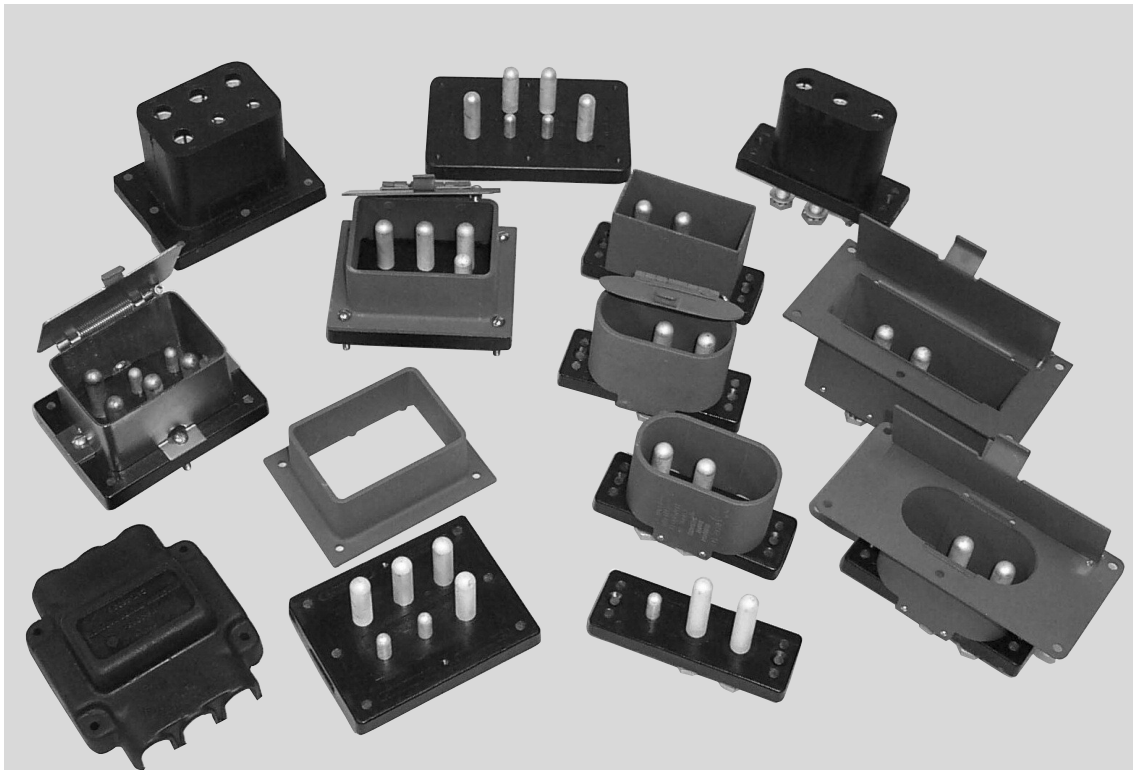


Ground Power Receptacles are located on the aircraft or other devices and receive the power input from a ground source to recharge and operate electrical accessories. Anderson offers the largest selection of receptacles ranging from 28V DC to 270V DC and 110V AC to 400V AC accommodating all your power needs. Varieties include male and female designs.

Anderson Airmotive DC and AC receptacles are manufactured to specification MIL-C-81790 and are listed on the Qualified Products List. Bases are molded of glass reinforced material for low moisture absorption and high strength. The copper power and brass control contacts are machined and silverplated to MS

tolerances.

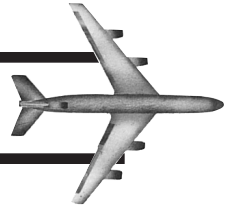
The shield, when applicable, is of anodized aluminum to guide plug insertion and guard against misalignment. Studs and contact nuts for lug connections are located at the rear of the receptacle.



Receptacle Performance to QPL MIL-C-81790 (AS81790)

Dielectric Withstand	2500VRMS WITH< 1 milli-amp leakage
Current Rating - Power Contacts	450A continuous (> than 1 hour) 1500A for 1 minute
Current Rating - Control Contacts	35A continuous auxiliary
Flexural Strength	3500 lbs (1590 Kg)
Thermal Shock	-65° to +200°C
Impact Strength - Power Contacts	Withstands impact of 10 lb weight (4.5KG) dropped from 24 inches (60 cm)
Impact Strength - Control Contacts	Withstands impact of 10 lb weight (4.5KG) dropped from 12 inches (30 cm)

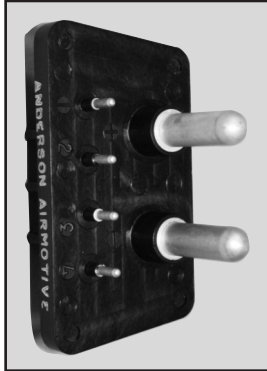
80 VDC Fast Charge; 230/400V AC RECEPTACLES



80 VDC Fast Charge; 270 VDC; 400 VDC

Ground Power Receptacles are located on the aircraft or other devices and receive the power input from a ground source to recharge and operate electrical accessories. Anderson offers the largest selection of receptacles ranging from 28V DC, 80V DC, 400V DC, 270V DC and 110V AC to 400V AC accommodating all your power needs.

80V/270V



Receptacle*
270V 3-8358P1
80VFC 3-8358P2



Receptacle with Shield
270V 4629B
80VFC-4630B

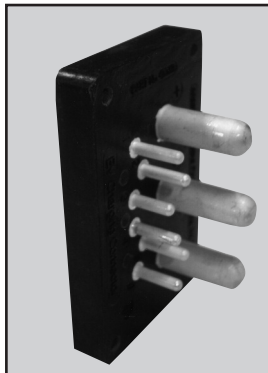


Shield
2-8356P1
2-8356P1SC
with Snap Cover

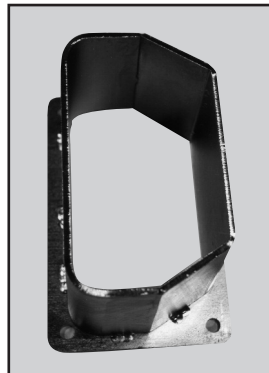


Rear Cover
4634B

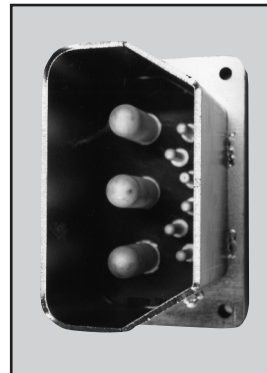
400V/400A DC 9 Pin Fast Charge



Receptacle
3-8400MD1



Shield
2-8356P2



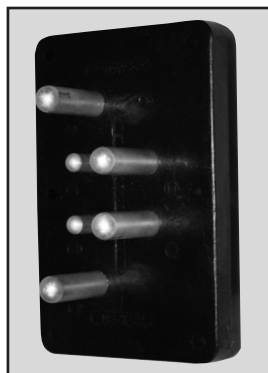
Receptacle with Shield
4635B

* Note 270V/80V DC

270V 3-8358P1
+ Terminal MJ8
- Terminal MJ6

80VFC 3-8358P2
+ Terminal MJ8
- Terminal MJ8

230/400V AC



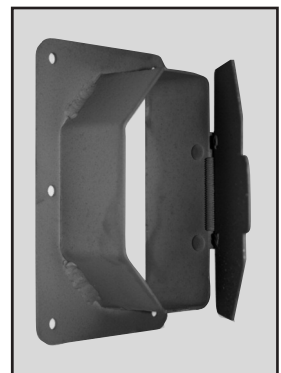
Receptacle
3-4985G1



Receptacle with Shield
MS21379



Shield
2-6976P1



Snap Cover
2-6976P1SC

Electric Vehicle Charging Connectors

Charging Power Plugs and Cable Assemblies

Benefits:

- Silver-plated contacts for charging up to 450A
- Full line of integral molded plugs and receptacles
- Designed for low insertion force
- Multiple options include sensors and control mechanisms
- Excellent resistance to moisture/chemicals and severe wear and tear

Battery Connectors

- Versatile, secure, high current corkscrew connector suitable for:
 - Weatherproof battery charger and inter-component connections
 - Stand-by power connector in computer systems
 - Ground power connector in marine, air and rail transport
 - Wherever hydraulic fluids, oils, acids and other such potentially destructive elements could shorten the connector life



ORDER INFORMATION:

Battery Connector	R121 or R125G#	# - Cable Identifier
Battery Receptacle	4657BX	

Fast Charge Power Cables and Receptacles

- High current 6 and 9 Pin plugs and receptacles
- Multiple cable configurations
- Capable of 80VDC/150A and 400VDC/450A

ORDER INFORMATION:

Fast Chrg Cable	R270 Gxx E - M	6 Pin	xx – Cable Config
Fast Chrg Cable	R80 G103	9 Pin	
Receptacle w/ Shield	4630B	6 Pin	
Receptacle w/ Shield	4635B	9 Pin	



ANDERSON AIRMOTIVE PRODUCTS Co., Inc.

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E-mail : sales@andersonairmotive.com • www.andersonairmotive.com

Fast Charge

Over-molded Cables and Receptacles

6 Pin
80VDC
150A



ORDER INFORMATION:

R270 Gxx E - M xx – Cable Configuration

R270 Kit 1Y Replacement Nose

9 Pin
400VDC
400A



ORDER INFORMATION:

R80 G103

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