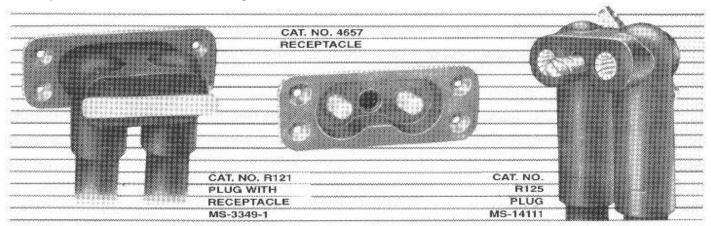
BATTERY CONNECTORS

Battery Connectors - Catalog Numbers R121, R125, 4657



Corkscrew plugs and receptacles lock into compact, rugged connections

The connector

Corkscrew locking plugs and receptacles provide compact, weathertight connections for quick indoor or outdoor battery charging and numerous other electric vehicle, industrial and aircraft applications.

For maximum conductivity with minimum corrosion, all contacts are silverplated copper. Even after salt-spray exposure, electrical resistance stays minimal.

The plug

Plug mechanisms are encased in a durable Hypalon insulation housing. Stainless steel garter springs reinforce the socket-type contacts to increase mating pressure and make each connection equally reliable. Integrally designed gaskets seal the mated connector.

The plug models differ primarily by means of termination and current rating. Catalog number R121 offers the convenience of a no-crimp, no-solder, set screw termination. Catalog number R125 provides the precise fit and rugged connection of a conical lug termination, which is retained in the plug with an allen-type screw.

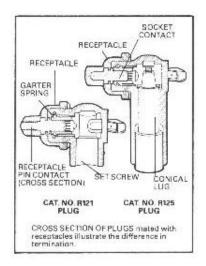
A screw-lock mates the connector tightly enough to withstand severe vibration and physical shocks. It is operated by a twist handle which positively connects and disconnects the plug. The handle also indicates the state of the connection by its position.

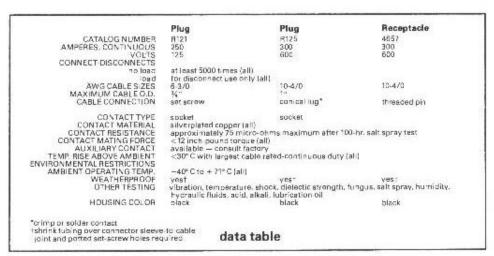
The receptacle

The receptacle is flanged for surface mounting. Pin-style contacts are molded into the glass-filled thermoset plastic housing. Hardware is plated to resist corrosion.

Applications

The corkscrew is a versatile, high performance connector that may be used for weatherproof battery charger and intercomponent connections in electric vehicles; as a stand-by power connector in computer systems; or as a ground power connector in marine, air and rail transport. It is recommended for other similar applications, or wherever hydraulic fluids, oils, acids and other such potentially destructive elements could shorten the life of another connector.

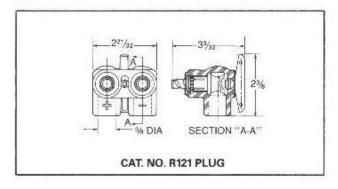


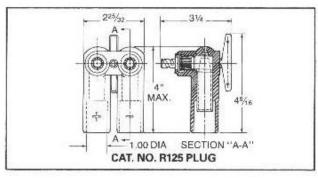


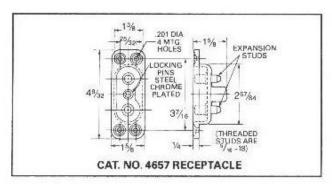
BATTERY CONNECTORS

Battery Connectors - Plugs and Receptacles

DIMENSIONS







AWG Size	Tool	Nest	Indentor	
6	Burndy Y34A Hypress or equivalent	A6CD	Y34PL-1	The cat. no. R125 Plug is covered by the following patents: U.S. Patent 2,917,722 Canadian Patent 612,047
5-4		A2CD	Y34PLA	
3.2		A1CD	Y34PLA	
1		A25D	Y34PA	
1/0		A26D	Y34PA	
2/0		A27D	Y34PA	
3/0		A28D	Y34PR-5	
4/0	1	A290	Y34PR-5	

ORDERING INFORMATION

	AWG Size**	Catalog Number	
UV	6-3/0	R121	
lug terminati	on (lugs included)		
	AWG Size"	Catalog Number	3
	10	R125G1	
	8	R125G2	
	6	R125G3	
	5-4	R125G4	
10	3-2	R125G5	
U	1	R125G6	
	1/0	R125G7	
	2/0	R125G8	
	3/0	R125G9	
	4/0 R125G10)
lug sets (repla	acement)		
	AWG Size**	Catalog Number	0
VACCO	12-10	971	1.7
BB	8	972	
66	6	973	
	5-4	974	
	3-2	975	
Two lugs	1	976	
per set, with	1/0	977	
hardware	2/0	978	
	3/0	979	
- 1	4/0	980	
ordering info	rmation		
	Description***		Catalog
	Black with threaded studs		4657B

[&]quot;Soldering is recommended for cable sizes 10 through 8 AWG. For Cable sizes 6 through 4/0 AWG, see suggested crimping tool.