

PS3C Series

High Current Single Pos. Cable Connector Supporting 150 Amps for Storage Battery



♦ Features

- 1. Rated up to 150 Amps using 50 sq wire
- 2. 180° reversal mate allows flexible cabling
- 3. Downsized receptacle saves space inside a battery unit.
- 3. Right angle plug saves space for cable wiring
- 4. Supports the use of hard lock nut *1, eliminating the re-tightening process of male contact connection.
- 5. Safety design with IP2X finger protection
- 6. Guide key and color coding prevents mis-mating between plus and minus electrode.

 Dimensions
- 7. Applicable cable: 14 to 50 sq (WL1, WL2)
- 8. Will be UL, C-UL, TÜV certified*2
 - *1: Its use is optional.
 - *2: Conditions for safety standards vary depending on submitted applications of current and voltage ratings.

Specifications

Component	Material	Finish / Remarks
Insulator	PBT	UL94V-0, Black or Red
Contact	Copper Alloy	Silver plated
Contact retention plate	PBT	UL94V-0, Black
Cover for plug	PBT	UL94V-0, Black

Operation Temperature	- 40 °C to + 105 °C (Includes the temperature rising by current carrying.)
Rated Current	150 Amps
Rated Voltage	AC/DC 1000 V
Contact Resistance	0.3 m Ω max. at DC 1 A
Insulation Resistance	5000 M Ω min. at DC 250 V
Withstanding Voltage	AC 2000 V for 1 minute
Mechanical Operation	100 cycles

• Receptacle PS3C-A(B)-1US

• Plug

Unit: PS3C-A(B)-1UP Cover: PS3C-1UP-CVL

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities.