

HRS

PS3 Series

Plug-In Connectors for Storage Battery
Capable up to 150 Amps



◆ Features

1. Rated up to 150 Amps with 50sq electric wire
2. Slim design achieved by employing unique blade contact allows application to standard 1U rack.
3. Floating screw allows ± 2 mm floating mate
4. Cable connection to power contact is done by screw fixation.
5. Finger protection meeting IP2X requirements contributes to operators' safety. (Female power contact only)
6. Applicable wire: 14 to 50sq (WL1, WL2)
7. Dust cap is available.
8. Will be UL, C-UL, TÜV certified.* (Power type is already certified)

*Conditions for safety standards vary depending on submitted applications of current and voltage ratings. Contact Hirose for details.

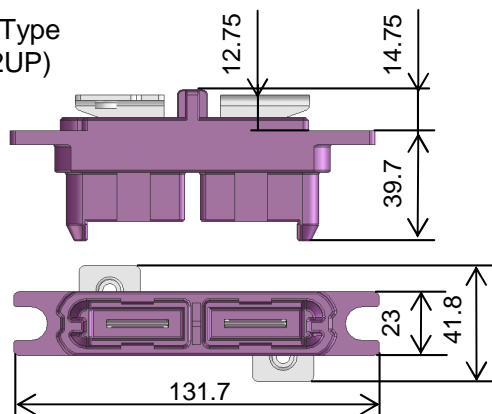
◆ Specifications

Rated Current	Power: 150 A (with 50sq wire)* Signal: 1 A
Rated Voltage	Power: AC/DC 1000 V* Signal: AC/DC 250 V
Operating Temperature Range	-40 °C to +105 °C (includes temperature rise by current carrying)
Contact Resistance	Power: 0.3 mΩ Max. (DC 1 A) Signal: 60 mΩ Max. (DC 100 mA)
Insulation Resistance	5000 MΩ Min. (DC 250V)
Withstanding Voltage	Power: AC 2000 V Signal: AC 650 V for 1 minute
Durability	100 times

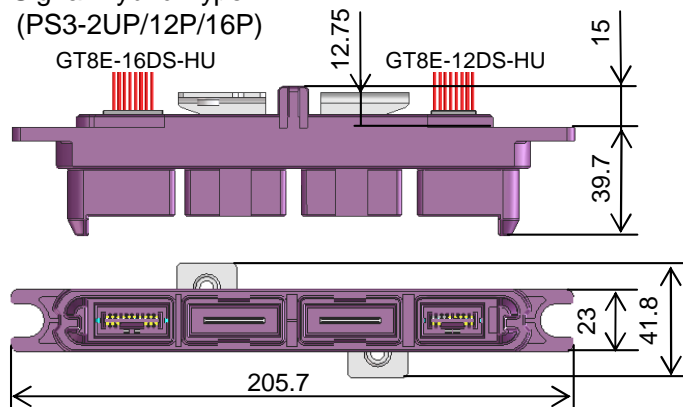
◆ Dimensions

<System Rack Side>

- Power Type (PS3-2UP)

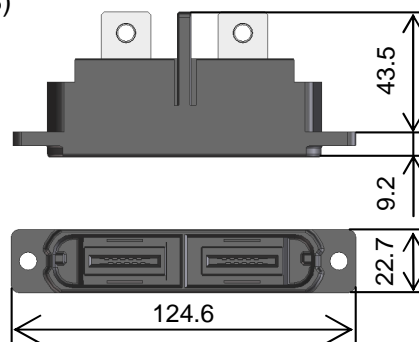


- Signal Hybrid Type (PS3-2UP/12P/16P)

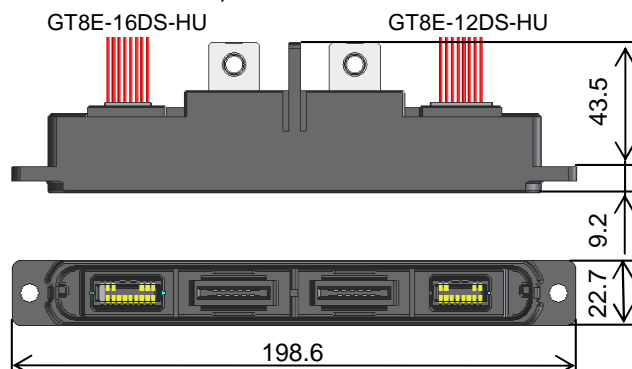


<Battery Module Side>

- Power Type (PS3-2US)



- Signal Hybrid Type (PS3-2US/12S/16S)



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