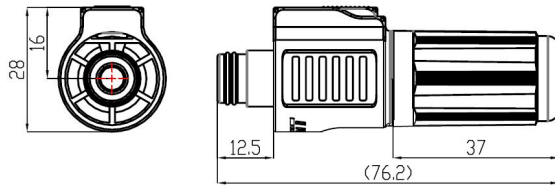


## 80A High current plug (Circular interface) (Black)



Typecode PW06RB7PC51  
ID 1010010000028

### Technical Data\*

| Connector             |                                    |
|-----------------------|------------------------------------|
| Contacts              | Copper alloy silver-plated         |
| Housing               | Flame retardant reinforced plastic |
| Sealing               | Silicone rubber                    |
| Flame retardant grade | UL94 V-0                           |
| Temperature rise      | ≤45 K                              |
| Cable cross-section   | 16 mm <sup>2</sup>                 |
| Cable diameter        | 7.5 mm ~ 8.5 mm                    |
| Protection class      | IP67                               |
| Connection mode       | Crimp                              |
| Standard              | UL4128                             |

| Electrical performance  |                            |
|-------------------------|----------------------------|
| Rated withstand voltage | 1000 V/DC                  |
| Rated current           | 80 A                       |
| Withstand voltage       | DC 4250 V                  |
| Insulation resistance   | 10000 MΩ(Room temperature) |

| Working temperature |                    |
|---------------------|--------------------|
| Working temperature | -40 °C ... +120 °C |

| Commercial data   |        |
|-------------------|--------|
| Weight            | 42.5 g |
| Packaging unit    | 1 pc   |
| Country of origin | CN     |

### Features

- 360° free rotation
- Protection against electric shock
- Anti misplug
- Push button unlocking
- RoHS-compliant
- UL4128-compliant

\* Please note that the data specified here were design data, and the parameters of product are subject to changes without prior notice. Matters not mentioned herein. Please contact customer service. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.