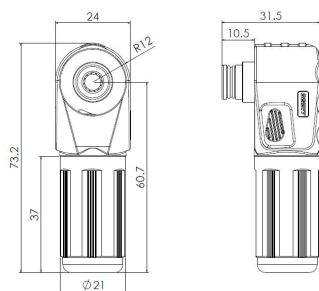


## 80A High current plug (Circular interface) (Black)



**Typecode** PW06RB7PC01  
**ID** 101001000023

### Technical Data\*

#### Connector

Contacts	Copper alloy silver-plated
Housing	Flame retardant reinforced plastic
Sealing	Silicone rubber
Flame retardant grade	UL94 V-0
Protection class	IP67
Connection mode	Crimp
Standard	UL4128
Pollution degree	III
Working temperature	-40 °C ... +125 °C

#### Electrical performance

Rated withstand voltage	1000 V/DC
Rated current	80 A
Withstand voltage	DC 4250 V
Temperature rise	≤45 K
Insulation resistance	10000 MΩ(Room temperature)

#### Mechanical and chemical properties

Insertion force	≤50 N
Extraction force	≤10 N
Mechanical lifespan	≥100 Mating cycles

#### Cable

Cable cross-section	16 mm <sup>2</sup>
Cable diameter	7.5 mm ~ 8.5 mm

#### Commercial data

Weight	48 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.