

WM-HP/Batt High Power Rubber and Plastic Watertight Electrical Connector

Main technical parameters

Design pressure :140Mpa

Qualified test pressure :80Mpa

Nominal voltage :1 core 1KVDC/AC; 3KVDC/AC2, 3, and 4 cores 600VDC/AC

Nominal current :1 core 250A(1KVDC/AC); 90A(3KVDC/AC)2, 3, 4(Batt):25A4 core (HP):50A

Insulation resistance :>200MQ

Contact resistance :<10mQ

Wet pull times :>500 times

Working temperature (water):-4°C~60°C

Operating temperature (air):-40°C~60°C



Material

- Insulator: neoprene
- Socket housing :316L stainless steel (optional copper alloy, Ti titanium, anodized aluminum, PEEK)
- Contact: gold plated copper alloy
- Positioning pin :316L stainless steel
- O laps: nitrile rubber
- Locking cap :POM or stainless steel
- Cable: neoprene or polyurethane sheath
- Cable: insulated wire
- Socket tail wire :PTFE

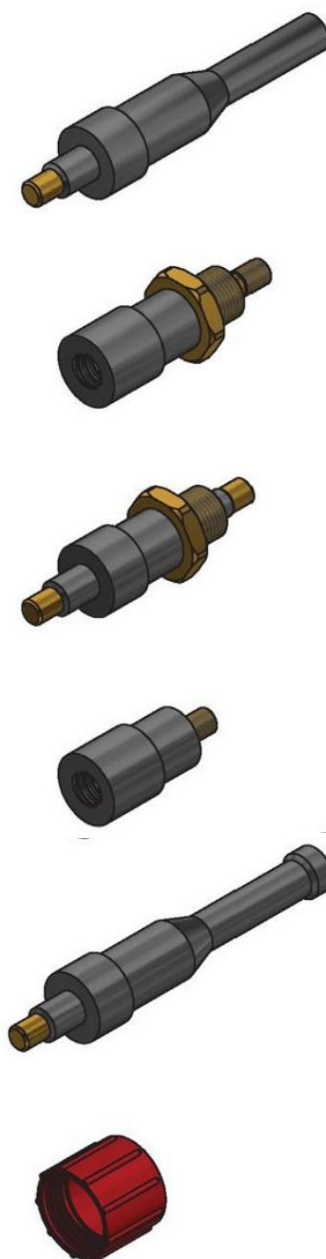
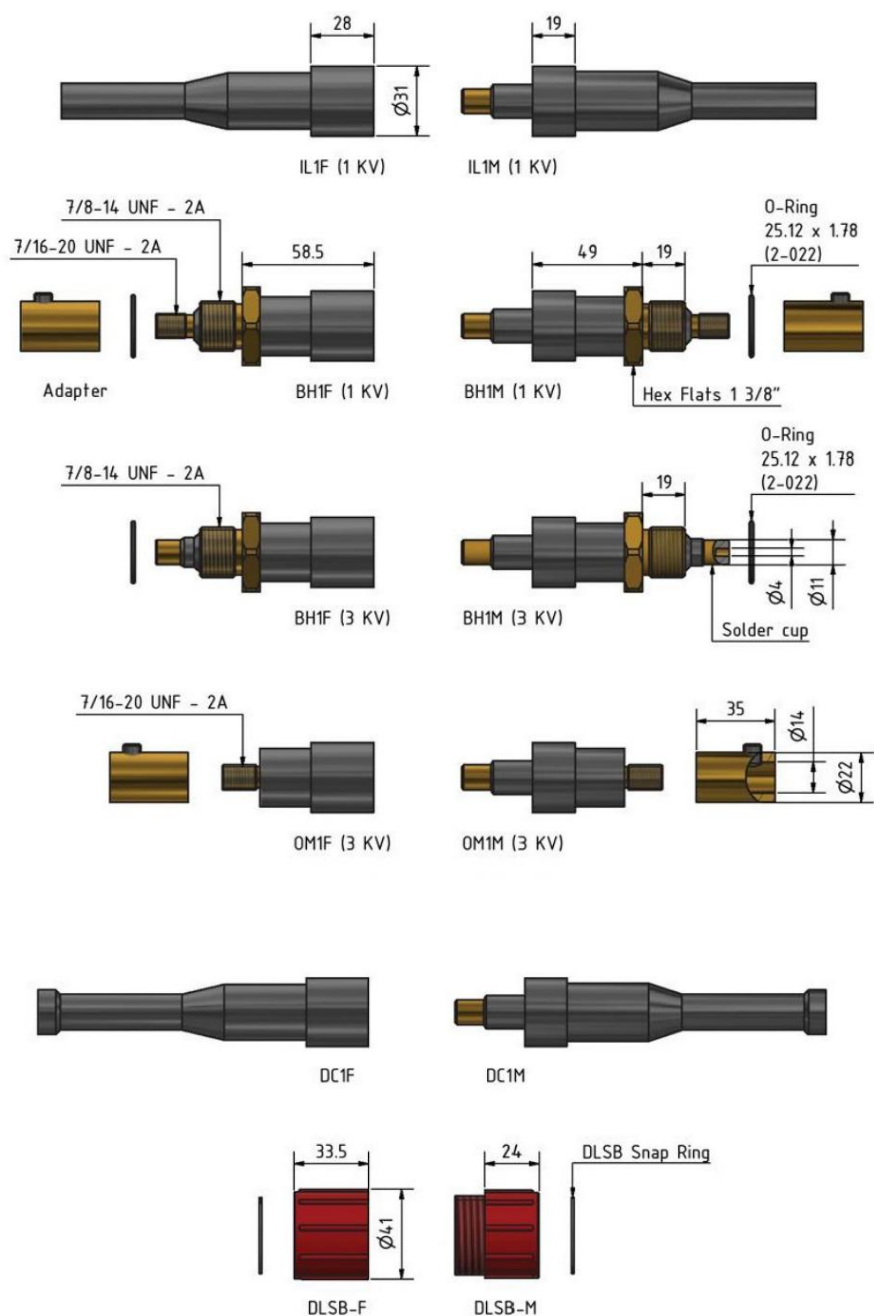


Standard cable/line current meter

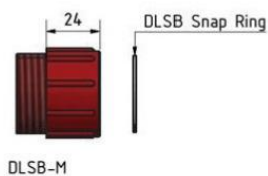
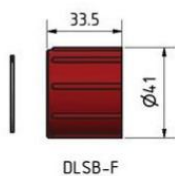
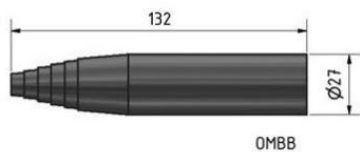
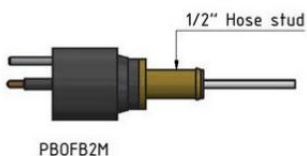
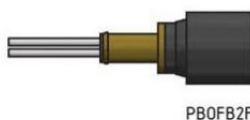
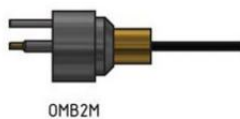
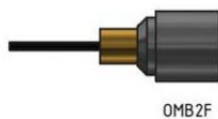
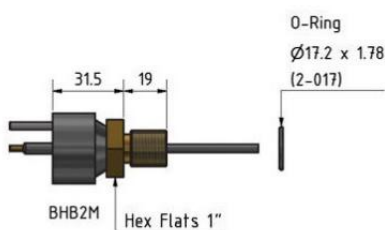
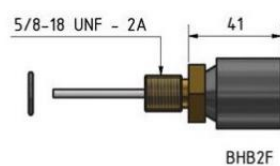
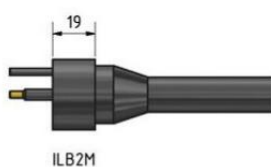
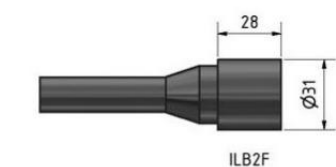
Number of cores	Wire number	Current-carrying
1	1/0AWG	250A@1KV:90A@3KV
2 (Batt)	10AWG	Single core 25A(connector Max. 50A)
3 (Batt)	10AWG	Single core 25A(connector Max. 50A)
4 (Batt)	12AWG	Single core 25A(connector Max. 50A)
4(HP)	8AWG/10AWG	Single core 50A(connector Max. 200A)



WM-HP High Power -1 core dimensions



WM-Batt Power Battery -2,3,4 core dimensions



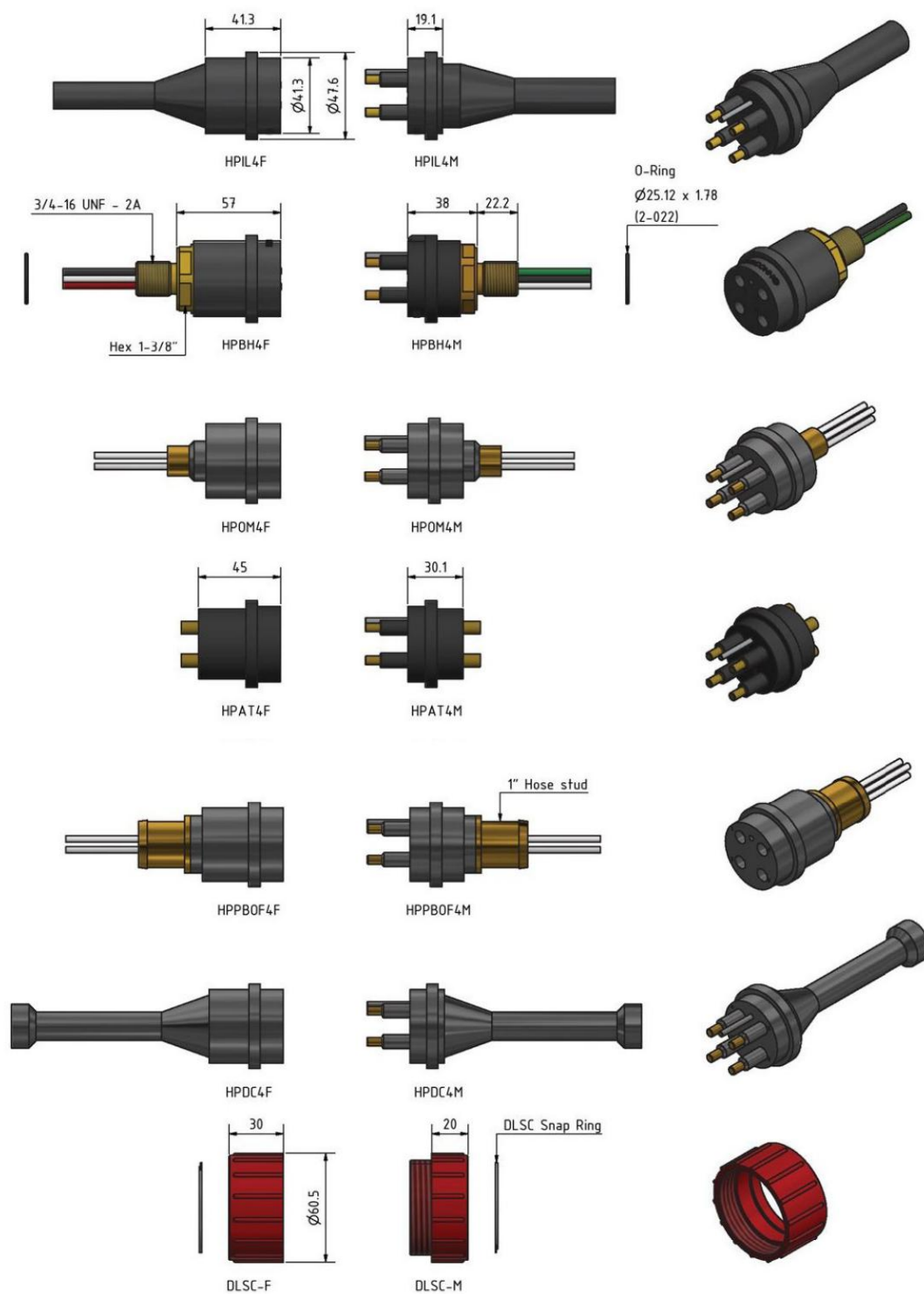
WM-Batt Power battery - 2,3, 4-core contact arrangement



Pin face



WM-HP High Power - 4-core dimensions



WIM-HP High Power - 4-core contact arrangement



Pin face

