

HVC 6mm 3+2 pole connector 180°

High voltage, high current connector, 3 x 16mm² wire, metal shielded, HVIL

Part-No.: C400 3I06 UB19 3002

Mating design:

- robust flange connection with 6mm screw

Terminal system:

- 3 x Ø 6mm pin for Radsok contact system
- silver plated
- 2 x 1.2 HVIL contact system as jumper
- silver plated

Terminal technology:

- welding or crimping process for power termination

General:

- optional with/ without touch-proof
- shielded cable cross section: 16mm² (optional 10 and 25mm²)
- metal shielded design to cable and interface
- sealed acc. IP69K, IP68
- connector supplied in kit form (optional pig-tail)



Construction:

- housing material: aluminum alloy
- contact material: copper
- standard wire: 3 x 16mm²
- RFI/EMI protection: metal shielding

Performance characteristics:

- nominal current: 100A at 140°C
- voltage range: max. 800V
- temperature range: -40°C to +150°C

Connector interface:

- Ø 6mm Radsok contact system
- silver plated
- power contact pitch: 18mm
- HVIL contact pitch: 4.5mm

Dimensional characteristics:

