

HVC 10mm AK 2 poles connector (180°)

High voltage, high current, 35mm²~70mm² wire, metal shielded, HVIL

Part-No.:

- Plug:
 - HVC2P10FSX35 (35mm²)
 - HVC2P10FSX50 (50mm²)
 - HVC2P10FSX70 (70mm²)
 - Socket:
 - HVC2P10MVX00 (type 1, Ø6.2mm)
- "X" indicates code 1/2/3/4

Mating design:

- Serviceable locking leg
- Locking assurance by CPA
- Operation with handle

Terminal system:

- 2x Ø 10 mm Radsok, silver plated
- Wire size 35/50/70mm², shielding
- HVIL contact system

Terminal technology:

- Crimping for power termination
- Crimping for HVIL termination

General:

- IP67, IP6K9K (mated)
- IPXXB (unmated)
- HVIL
- 360° shielding
- Coding: 1/2/3/4

Standard:

- LV215

Performance characteristics:

- Unmating force: ≤ 100N
- Temperature range: -40°C to +140°C
- Max. rated voltage: 1000V DC
- Mating cycles: 50 min.
- Max. current :
 - 35mm²=180A
 - 50mm²=220A
 - 70mm²=280A

Construction:

- Housing material: PA66-GF V0, orange
- Terminal material : Copper alloy
- RFI/EMI protection: metal shielding



Dimensional characteristics:

