

HVC 8mm AK 2 poles connector (180°)

High voltage, high current, 25mm²~50mm² wire, metal shielded, HVIL

Part-No.:

→ Plug:

HVC2P80FSX25 (25 mm² Ø11.6~12.2)

HVC2P80FSX35 (35 mm² Ø13.8~14.4)

HVC2P80FSX50 (50 mm² Ø15.2~15.8)

→ Socket:

→ HVC2P80MVX XX

└── Busbar type

Code:

1:Code A ;2:Code B

3:Code C ;4:Code D

Mating design:

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

Terminal system:

- 2x Ø 8 mm Radsok, silver plated
- Wire size 25/35/50mm², shielding
- HVIL contact system

Terminal technology:

- Crimping for power termination
- Screw fasten for power terminal
- Crimping for HVIL termination

General:

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

Performance characteristics:

- Unmating force: ≤ 100N
- Temperature range: -40°C to +140°C
- Max. rated voltage: 1000V DC
- Mating cycles: 50 min.
- Max. current: (85°C)

25mm²=150A

35mm²=180A

50mm²=220A

Construction:

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



Dimensional characteristics:

