

HVC 8mm AK 2 poles connector (90°)

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

Part-No.:

→ Plug:

HVC2P80FVX25 (25 mm² Ø11.6~12.2)

HVC2P80FVX35 (35 mm² Ø13.8~14.4)

HVC2P80FVX50 (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:

