Mixed Sub-D feedthroughs with power pins: Up to 8x 20A on one connector

For High current applications up to 20A Allectra offers a variation of Mixed Sub-D feedthroughs:

2x Power, 5x Standard	**210-X15-2P5-C40**
3x Power	**210-X15-3P-C40**
5x Power	**210-X25-5P-C63**
8x Power	**210-X37-8P-C100**

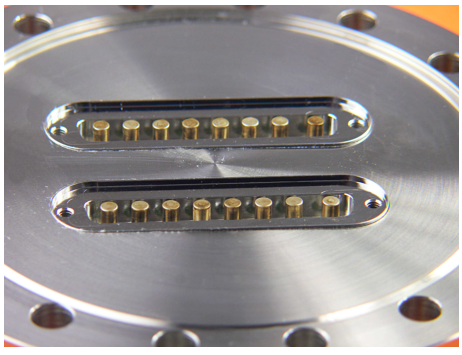
(also available on other flanges!)

With a cheap single connector up to 8 pins can be connected. For In-vacuum use, an ultra-high flexible cable or a stiff copper wire are available as alternatives.

210-X15-2P5-C40, a combination of power pins with standard Sub-D pins

Specifications	
Vacuum	UHV (10^{-10} mbar and below)
Test Voltage	500V DC
Max. current	20A per pin (3A for standard pins)
Temperature	-200°C --- + 230°C
Accessories	
Vacuum side connectors	211-FX15-2X5-PK (2x power, 5x Std) 211-FX15-3X-PK (3x power) 211-FX25-5X-PK (5x power) 211-FX37-8X-PK (8x power)
Crimp pins	212-POWER-F
Recommended cables	311-KAPM-200 (Ultra Flexible) 311-KAP-170 (massive Cu wire)

Vacuum side connector housing. This connector can also be used for coaxial pins.



2x 8 power pins, mounted on a DN100CF flange

Additional notes

The typical application for the 210-X15-2P5 type are heaters. The five standard pins can be used for thermocouples or a PT100 resistor, for example.

Similar feedthroughs with Coaxial Pins are available as well. See separate Data sheet!

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