



Mixed Sub-D feedthroughs with power pins: Up to 5x 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

(also available on other flanges!)

With a low cost single connector up to 5 off power 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



Vacuum side connector housing. This connector can also be used for coaxial 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	
Air side connectors	211-FX15-2X5-AIR (2x power, 5x Std) 211-FX15-3X-AIR (3x power) 211-FX25-5X-AIR (5x power)
Vacuum side connectors	211-FX15-2X5-PK (2x power, 5x Std) 211-FX15-3X-PK (3x power) 211-FX25-5X-PK (5x power)
Crimp pins (air +vac.)	212-POWER-F
Recommended cables for in-vacuum use	301-KAPM-200 (Ultra Flexible) 311-KAP-170 (massive Cu wire)



212-POWER-F crimp contacts

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!

File: 210-Sub-D-Power Last revised 2022-02-15
All data given in this sheet are carefully checked but subject to change at any time.