

Aluminium/copper bimetal contact for aluminium cable



The SPV bimetallic contact is obtained by the soldering of the aluminium and copper as raw materials
The crimp terminal of the SPV contact is made of aluminium to allow corrosion-free termination onto aluminium cables.

Since the PowerSyntax® connectors were first introduced on the market, they have been used in a number of different applications from events to mobile generators to backup power systems. As well as improved safety compared to previous standards, for most users one of the main advantages of the Power Syntax® has been its quick and easy connection.

SPX and SPZ standard Power Syntax® connectors are suitable to be used with various copper cable sections. For some applications, though, there has been a demand that these connectors may be used with aluminium cable. However, as the standard Power Syntax® connectors feature copper or copper based contacts, they should not be used for direct termination onto aluminium cables as galvanic corrosion and overheating may occur.

The aluminium/copper bimetal contact of the SPV allows the use of the Power Syntax® connectors with aluminium cable, combining the advantages of this type of connection with the lighter weight associated with aluminium cable.



SPV 120-240
- 480amp Source contact
- Crimp termination
- For cable up to 240 mm²



SPV 120-240
- 480amp Drain contact
- Crimp termination
- For cable up to 240 mm²

