

PoE ARCING STANDARD

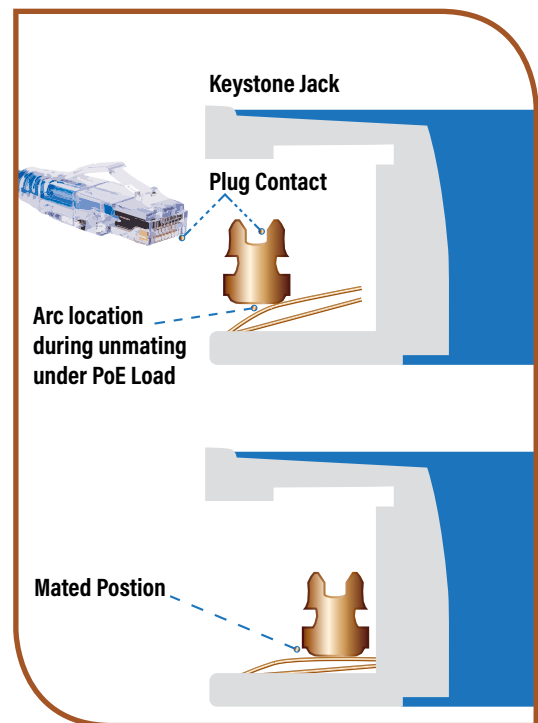


GOOD CONTACTS MAKE RELIABLE POWER TRANSMISSION LINES

Good contacts also applies to PoE (Power over Ethernet) technology. One of the biggest problems in power transmission systems is arcing that occurs when two contacts come at a very close distance to each other causing electrical breakdown of air between them.

When arcs form between contacts of a telecommunications socket and cord plug during their disconnection, etching effect of plasma removes material from contact gold plating gradually eroding contact surface; it also may create non-conductive film deposits of compounds chemically formed from air. All these factors lead to a fast contact degradation and transmission line malfunctioning.

However, the most recent efforts in design and technology of ICT connectors have resulted in higher resistance to arcing and a corresponding testing standard. Now, all you need to do before implementing a PoE installation is check if the connectors being used are in compliance with **IEC 60512-99-001**.



Contact our Technical Support today for any additional questions:

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