



Power Splice Machine

Product Facts

- Terminate MagWire and Lead Wire together
- Maximum 38,000 CMA crimp
- Servo driven 5-ton Terminator
- Heavy-duty Air-Feed Applicator
- One control cabinet operates two terminators
- Programmable crimping ram stroke
- Hand-held control pendant
- Crimp Force Monitoring
- Crimp Height Sequencing

Power Splice Machine for MagWire / Lead Wire Pigtail Splice Termination

For quick, easy and reliable pigtail splice termination of magnet wire and solid or stranded lead wire, Tyco Electronics offers the new Power Splice Terminator and Applicator.

The power splice terminator and applicator will terminate pigtail splices consisting up to two (2) solid or stranded copper lead wires in wire size from 10-14 AWG and having a Circular Mil Area (CMA) of 4,200-10,000. The splice will simultaneously accept combinations of multiple copper magnet wires in a range of 11-20 AWG. Total magnet wire CMA can fall in the range of 8,000-30,000. Total CMA capable of being crimped by the Power Splice Terminal is between 8,000-38,000.

The power splice terminator incorporates a servo motor drive 5-ton terminator with an air feed applica-

tor to create a high quality crimp. The application equipment is controlled through a handheld pendant and incorporates crimp force monitoring, crimp height sequencing, and a programmable ram stroke. A special machine guard to facilitate proper wire placement into the terminal is also provided to ease terminal loading and provide operator safety.

Solderless Pigtail Splice Terminations

- No need to pre-strip the magnet wire
- No wire embrittlement due to solder
- No Solder fumes
- Compact Clean Termination