

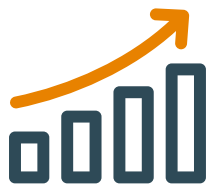


AMPLIVAR PRODUCT TERMINATOR

Product Brochure

AMPLIVAR PRODUCT TERMINATOR

TE Connectivity's (TE) new APT-6 Machine is a reliable and efficient solution designed specifically for AMPLIVAR splices. This advanced terminator eliminates the need to strip magnet wire insulation, streamlining the splicing process. By simply positioning the wires, the APT-6 automates the shearing, crimping, and wire trimming while seamlessly advancing the next splice for continuous operation. With upgrades such as a more efficient power supply, an improved cleaning system, and a reinforced frame, the APT-6 offers increased reliability and durability. The switch to a faster, more stable motor enhances the machine's performance, while the optimized infinite splice design further improves functionality. It also enables automatic sequencing of varying crimp heights, ensuring efficient processing without manual adjustments. The APT-6 features a unified platform for all models, making it easier to manage and maintain across various applications. The improvements, combined with modernized features and upgraded technology, enhance the overall performance of the APT-6, providing customers with a robust solution that replaces the previous APT-5A model while boosting customer satisfaction.



Enhanced Efficiency



Cost Effective



Advanced Quality Management

Key Features	Benefits
Enhanced Efficiency	<ul style="list-style-type: none"> The servo motor automates crimp height adjustment, improving the crimping quality and accuracy, and also allows to set the dwell time Supports sequence function of different crimp-height settings Optimized Tool Package Design that facilitates quick tooling changeovers and reduces downtime Enhanced power supply, upgraded cleaning system, and reinforced frame for improved efficiency, durability, and overall performance
Cost Effective	<ul style="list-style-type: none"> Supports multiple tooling kits with a single base machine, eliminating the need for additional equipment and reducing costs Advanced functionalities are available at no extra cost, providing greater value
Advanced Quality Management	<ul style="list-style-type: none"> In-built monitoring system to enhance the quality of crimping through regular checks Alarms to alert the operator of out-of-spec crimps, helping to maintain consistent quality and reduce errors Enables networking or exporting of process control and crimp quality traceability data for better monitoring and analysis

Industries

- Appliances

Applications

- Motor Windings and Connections
- Coil Connections
- Transformer Windings and Connections
- Solid Wire Connections
- Lighting Ballasts
- Power Supplies
- Starters and Alternators

Technical Details

Technical Specifications	APT 6 Low Force	APT 6 High Force
Crimping Force	3T	6T
Wire Cross Section CMA Range	400 - 14,000	10,000 - 22,000
Power	AC 220V (Single phase)	AC 220V (Single phase)
Air	0.6Mpa	0.6Mpa
Machine Size (w the Touch Screen)	Width (450mm), Length (1140mm) and Height (624mm)	Width (450mm), Length (1140mm) and Height (624mm)
Machine Size (w/o the Touch Screen)	Width (450mm), Length (1140mm) and Height (425mm)	Width (450mm), Length (1140mm) and Height (425mm)
Cycle Time	1.5 seconds	2.0 seconds
Quality Monitoring	Crimping force and height monitoring	Crimp height and force monitoring

Ordering Information

Machine Type	Base Machine	Tooling Kit		Wire Stuffer
		Feeding Kit	Crimper Kit	
62306 Infinite Splice Tooling	2493127-1	2493009-1	2493008-1	2493029-1
62304 Infinite Splice Tooling	2493127-1	2493009-2	2493008-2	2493029-1
62308 Infinite Splice Tooling	2493127-1	2493009-3	2493008-3	2493029-1
62306 Splice Tooling	2493127-1	2493009-1	2492945-2	2493029-1
62303 Splice Tooling	2493127-1	2493009-4	2492945-1	2493029-1
62310 Splice Tooling	2493127-1	2493009-5	2492945-3	2493029-1
1217671 Direct Connect Tooling	2493127-1	2492993-1	2492994-1	2493029-1
62311 0.27 High Force Tooling	2498817-1	2502171-1	2502172-1	2493029-1
1742898 0.27 High Force Tooling	2498817-1	2502171-2	2502172-2	2493029-1
62311 0.25 High Force Tooling	2498817-1	2502171-1	2502172-3	2493029-1

Connect With Us

Our tooling is supported by an established, experienced, and responsive field service organization. TE Connectivity field engineers are located worldwide and are available to assist with on-site and remote service; selection and installation of new equipment; training; and technical support. Service agreements are available to provide protection and support for all your application tooling equipment.

Contact Us

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Tooling Portfolio: tooling.te.com

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