Battery-Powered Crimping Tool and Adapters

Designed with modular heads and die sets for low- to high-volume production runs, the Molex Battery-Powered Crimping Tool and Adapters produce consistent, high-quality terminations while increasing production flexibility and reducing operator cycling errors and downtime.

Features and Advantages

Crimping head rotates 360 degrees
Allows for better access in difficult working conditions

Unique braking feature
Operators can release the trigger to stop the forward motion of the crimping dies. Provides a safety-control measure

Comes with 2 long-life lithium-ion batteries
Allows users to keep working by enabling hot swapping to another charged battery, eliminating the need to wait for charging

Mounting Head or Adapter (refer to above compatibility chart) (must be ordered separately)
2x Mounting Pins (included with 63816-0270)

Battery-Powered Crimping Tool (63816-0270)

63816-0270

NOTE: Untooled AT heads are not available separately. Customers can install RHT tooling into one of their existing AT heads.

Caution must be taken because the markings on the AT head will not match the tooling from an RHT tool for a different terminal.

Terminates a wide range of wires from 10 AWG (6.00mm²) wire-end ferrules up to 1 AWG (50.00mm²), depending on the terminal design
Provides a versatile system that allows for customer production flexibility

Ergonomically designed
Provides comfort and flexibility in difficult work areas

Markets and Applications

Automotive
Home Appliance
Industrial
Contract Manufacturers

Wire Terminations 10 AWG and smaller Design/Engineering Facilities

Automotive
Industrial
Home Appliance
Battery-Powered Crimping Tool and Adapters

Specifications

**MECHANICAL**
- Crimp Speed: ~2 seconds
- Crimp Force (max.): 13 kN (1.5t)
- Stroke: ~12.00mm
- Noise Level: 70 dB in 1.0m distance
- Environmental Operating Temperature: -10 to +40˚C

**ELECTRICAL**
- Battery Capacity: 1.5Ah, Lithium-Ion
- Battery Charging Time: 40 minutes
- Battery Voltage: 10.8V

**PHYSICAL**
- Length: 90.00mm
- Width: 64.00mm
- Height: 270.00mm
- Gross Weight, Including Battery: Approximately 1.3kg (2.9 lb.)

Crimp Heads and Crimp Head Adapters

<table>
<thead>
<tr>
<th>Ferrule</th>
<th>Type 4A</th>
<th>Type 2C</th>
<th>Type 4C</th>
<th>Type 4D</th>
<th>Type 4E</th>
<th>Type AT</th>
<th>Type RHT (See Note)</th>
</tr>
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<tbody>
<tr>
<td>63816-1730</td>
<td>63816-0600</td>
<td>63816-0300</td>
<td>63816-0300</td>
<td>63816-0800</td>
<td>63816-1600</td>
<td>63816-0900</td>
<td>64005-xx00 + 63816-0900</td>
</tr>
<tr>
<td>Head</td>
<td>Adapter</td>
<td>Head</td>
<td>Head</td>
<td>Head</td>
<td>Head</td>
<td>Adapter</td>
<td>AT Head + Adapter</td>
</tr>
</tbody>
</table>

63816-0270 Battery Powered Crimping Tool

63816-1500 Electric Crimping Machine

Ordering Information

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
<th>Use With</th>
</tr>
</thead>
<tbody>
<tr>
<td>63816-0270</td>
<td>110V Crimp Tool</td>
<td>Modular Crimp Heads and Die Sets</td>
</tr>
<tr>
<td>63816-0280</td>
<td>220V Crimp Tool</td>
<td>Modular Crimp Heads and Die Sets</td>
</tr>
</tbody>
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www.molex.com/applicationtooling

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Order No. 987651-9631

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