

Battery-Powered Crimping Tool and Adapters

molex

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



Battery-Powered Crimping Tool

Modular crimp heads and die sets can be quickly and easily interchanged

Reduces production downtime. Enables a wide range of contacts to be crimped



Crimp Head Adapter: Type 4A (63816-0600)



Crimp Head Adapter: Type 4C (63816-0300)

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.

Ergonomically designed

Provides comfort and flexibility in difficult work areas

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

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

Battery Powered Crimping Tool and Adapters for Hand Crimp Tools							
Ferrule	Type 4A	Type 2C	Type 4C	Type 4D	Type 4E	Type AT	Type RHT (See Note)
63816-1730	63816-0600	63816-0300	63816-0300	63816-0800	63816-1600	63816-0900	64005-xx00 + 63816-0900
Head	Adapter	Head	Head	Head	Head	Adapter	AT Head + Adapter
63816-0270 Battery Powered Crimping Tool				63816-1500 Electric Crimping Machine			



Ordering Information

Order No.	Description	Use With
63816-0270	110V Crimp Tool	Modular Crimp Heads and Die Sets
63816-0280	220V Crimp Tool	Modular Crimp Heads and Die Sets

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