
POWER CONNECTION & CONTROL

Smart[®] Tool+

Intelligent, dieless crimping tool



The proof is in the crimp. And the cloud.



Eliminate dies. Eliminate mistakes*. Eliminate doubt.



Use RFID-enabled Color-keyed® brand Smart™ Connectors for maximum efficiency.



Transfer confirmation data from tool to mobile device via custom app available at App Store and Google Marketplace



Upload records to your online database from the mobile app.

There's no room for question marks when attaching lugs to cables in power critical scenarios. You need the right fit with a secure crimp, and you need to be able to prove it. Smart® Tool+ delivers a perfect crimp every time and automatically stores the crimping data for fast and accurate reporting. It's a process that makes every crimp a verifiable success.

No dies mean no misfits. Once Smart Tool+ reads the RFID tag, it knows the material and size of the lug – so there's no need to switch dies and make size adjustments. With a crimp range of 3/0 AWG through 750 copper and 1/0 through 600 kcmil aluminum lugs and splices, you'll have one tool to fit most lugs and cables you encounter.

Pairs perfectly with Color-keyed® lugs. Smart Tool+ reads the RFID enabled Color-keyed lug and knows exactly how far the indenter needs to travel. It registers the pressure of the indentation and automatically confirms that the proper compression was applied. These are the same connectors you already know and trust, simply upgraded with an embedded sensor.

*When used according to manufacturer's instructions.



Crimps confirmed right before your eyes. Once Smart Tool+ compresses lug to cable, the on-tool indicator will illuminate, verifying an ideal crimp. However, should there be malfunction due to any reason, you'll also know that and be able to make adjustments right away.

Crimping data saved while you work. There's no reason to slow down and log your work. Smart Tool+ records each verified crimp to its memory built right into the tool, saving that information to be used and shared after the job is done.

Work in tandem with your mobile device. Using Bluetooth technology and the custom Smart Tool+ app, you can transfer verification data from the tool to your smart phone or tablet at the job site.

Safe, secure storage of data. Later, when it's convenient to access a Wi-Fi network, upload the records to your cloud-based online database in preparation for sharing and reporting. Smart Tool+ gives you the flexibility to transfer data at the end of a shift, the end of the day or even at the end of a project. It's your choice.

Quick and easy report building. Download crimp data from the cloud whenever you want, and use that data to verify your work, stay compliant and congratulate your team on a job well done.

Smart Tool+ delivers perfect performance under pressure.

To see Smart Tool+ in action, visit go.abb/smarttool.

SPECIFICATIONS

Crimping Force:
6.5 tons

Crimping Capacity:
3/0 AWG - 750 kcmil Cu,
1/0 AWG - 600 kcmil Al

Dimensions
(without battery):
Length 18.80"
Width 3.33"
Height 5.75"

Weight
(without battery):
9.25 lbs

Battery/Charger Type:
Milwaukee M18

FEATURES AND BENEFITS

Smart™ Dieless Crimping System

Lightweight balanced inline design

UL 486 Compliant with a single crimp

3/0 - 750 CU and 1/0 - 600 AL range

Backward compatible for standard lugs

APPLICATIONS

Critical Power

Data Centers

Oil and Gas

OEM Switchgear and Power Critical Equipment

CATALOG PART NO.

BTRF-37C16A





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