

Exothermic Welding Instruments

(1) 、 Exothermic Welding mold



ERICO CADWELD graphite molds are designed and engineered for thousands of connection styles and conductor combinations.

FEATURES

- Forms a permanent, low resistance connection
- Provides a molecular bond
- ERICO CADWELD Exothermic Connections are rated with the same current capacity as the conductor
- Portable installation equipment with no external source of power required
- Installers can be easily trained to make CADWELD Exothermic Connections
- Connections can be visually inspected

SPECIFICATIONS

Part Number	PTC2L2L
Mold Family	PT
Conductor 1	3/0 Concentric
Conductor 1 Outer Diameter, Nominal	11.9 mm
Conductor 2	3/0 Concentric
Conductor 2 Outer Diameter, Nominal	11.9 mm
Welding Material	150PLUSF20, (Sold Separately)
Handle Clamp	L160, Sold Separately
Ease of Use	Preferred

2、 HANDLE CLAMP L160



(blue or black)

- Used to securely close the mold around the conductors
- Handle clamps are required for most molds
- Specialized frames and handles are required for some molds
- L160SM has off-set handles to ease the installation of connections in a ditch
- See specific ERICO CADWELD mold requirements

3、 CADWELD PLUS CONTROL UNIT (PLUSCU)



FEATURES

- Battery-powered controller box designed for 600 connections with one set of batteries
- Requires no special batteries or charger
- Comes standard with high temperature lead
- Connects to the welding material ignition strip with a custom made, purpose-designed termination clip
- Sends a predetermined voltage to the ignition strip and initiates the reaction
- The PBPLUSCU control unit electronic ignitor is primarily designed for ignition of ERICO CADWELD PLUS WELDING MATERIAL, F80
- PBPLUSCU meets AREMA 标准 C&S Manual Recommendations; Part 8.1.34, 2013

SPECIFICATIONS

Part Number	PLUSCU
Article Number	165738
Type	Controller Box with Leads
Cable Length	1.8 m
Batteries	8 Standard AA Batteries
Working Temperature	-18 to 55 掬 C
Certifications	cURus NOM
Standard Packaging Quantity	1 pc
UPC	78285647613
EAN-13	8711893032499

4、 MOLD SEALER



- Ideal for sealing hot or cold molds to retard leakage from large stranded conductors
- Prolongs useful mold life when the cable opening becomes worn
- Required on certain ERICO CADWELD molds such as Types HA, HB, HC, VG and VN

5、 PLUS WELDING MATERIAL



FEATURES

- Mixture consists mainly of copper oxide and aluminum
- Primarily used in grounding and bonding applications
- Integrated welding material package
- Color coding by size for easy identification
- Electronic ignition
- No starting material required
- Non-explosive
- Not subject to spontaneous ignition
- See specific ERICO CADWELD connection details to determine welding material requirements

SPECIFICATIONS

Part Number	150PLUSF20
Article Number	165707
Color Code Ring	Dark Blue
Certifications	cULus
Standard Packaging Quantity	10 pc
UPC	78285651286
EAN-13	8711893032185