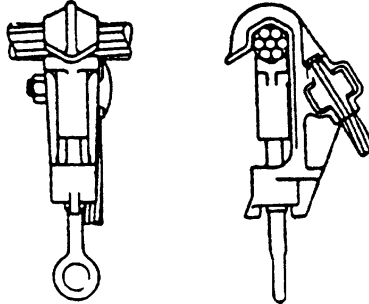


CLAMPS - COPPER HOT-LINE TAP



1. Scope

Clamps are used to attach branch conductors to main conductors by means of an insulated hot-stick.

2. Industry Standards

ANSI C119.4; Electrical Connectors – Connectors to Use Between Aluminum-to-Aluminum or Aluminum-to-Copper Bare Overhead Conductors

ASTM B154; Standard Test Method for Mercurous Nitrate Test for Copper and Copper Alloys

NEMA CC1; Power Connectors for Substations

3. Requirements

The clamps shall be made of high-strength cast bronze and be corrosive-resistant in accordance with ASTM B-154, Mercurous Nitrate Test for Copper and Copper Alloys. The eyescrew may be either stainless steel or bronze, as above. In addition, the clamps shall withstand a 20,000 ampere rms symmetrical fault current.

The electrical and mechanical characteristics of the clamps shall meet the performance requirements of NEMA CC1 and ANSI C119.4.

The threads of the eye stem shall be protected by being enclosed in the clamp body, and permanently lubricated with corrosion-inhibiting compound. The clamp jaws shall also be pre-filled with the compound.

4. Packaging

Hot-line clamps shall be individually packaged in sealed plastic bags.

5. Approved Manufacturers

Stock No.	Main Conductor, Stranded - Solid	Tap Conductor, Stranded - Solid	Preferred Quality	Other			
			Richards	Anderson	Electric Motion Co.	Fargo	MacLean
580725	#2/0 - #8	#2/0 - #8	BHLC-100	BC-2/0-XB	–	–	C1520-9
580727	400 - #6	#4/0 - #6	BHLC-101-SCL	BH-4-XB	EMC HLC-101G	GH-101L	C1530-9

Stock Unit: EA

<i>standards coordinator</i>	<i>standards supervisor</i>	<i>unit director</i>
		
Yaochiem Chao	John Shipek	Darnell Cola