C_ampact_StudDisc

AMPACT Stud Disconnect System

Separable connections in the utility industry exist wherever maintenance must be performed. Common practice in many utilities is to use a stirrup connector and hot-line clamp. This practice is not acceptable in high current applications due to current limitations of the hot-line clamp and stirrup bail.

Attached to the circuit conductor using the AMPACT tap, a two-hole NEMA lug can be bolted to the disconnect in either orientation. The disconnect is then plugged onto the stud with hot-sticks or rubber gloves and connected/disconnected in seconds with a few turns of the eyebolt. The stud can be assembled to the line pointing up or down as required.

- Standard NEMA pad allows use of any size jumper conductor
- Can be easily removed in seconds
- Rated for 750 amps continuous current for demanding applications
- Lug can be attached in either orientation for maximum application flexibility
- System tested to ANSI C119.4
- Stud locking feature allows safe removal and easy hot-stick application
- Easy to park on standard parking stud

The AMPACT stud disconnect is an addition to the proven wedge pressure system that utilities around the world have counted on for over thirty years.

Technical Documents

Instruction Sheet	408-9968
Engineering Test Report	502-47000

Selection Information *(Use of kits is highly recommended.)*

Kit	Part Number
Replacement Disconnect	83471-1
Replacement Stud	83396-1

Conductors Accommodated	Complete Kit	Kit with Stud w/o Disconnect	Appropriate AMPACT Tap Only
1/0 AAC, ACSR to 4/0 ACSR, AAC	83470-1	83452-1	1-602031-7
266.8 AAC, ACSR to 336.4 AAC, ACSR	83470-2	83452-2	1-602031-5
477.0 AAC, ACSR to 556.5 AAC, ACSR	83470-3	83452-3	1-602031-3
795.0 AAC, ACSR	83470-4	83452-4	602121-5

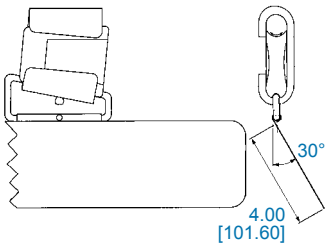
C_IDplates

Identifier Plates

TE's Identifier (ID) Plate can be installed on primary or secondary distribution conductors for field identification of circuits and/or switches. The improved identification accuracy can contribute to safer operation of line apparatus especially in congested circuits or multiple switch locations. The AMPACT connectors have been incorporated into the Identifier Plate design creating simple efficient application with the AMPACT tool and cartridge. The lightweight aluminum construction enables easy installation with hot-sticks or rubber gloves. The proven mechanical connection provided by TE's wedge-pressure connectors will not damage the conductor. The vibration resistant connection reduces the possibility of radio frequency interference.

The ID Plate is angled for easier viewing from the ground. Its flat, black anodized surface provides a sharp contrast to the alpha-numeric characters that can be applied to its surface. (Alpha-numeric symbols not supplied with plate).

- Angled for easy viewing from ground
- Reduces radio frequency interference
- Lightweight
- Applied with AMPACT tool or standard wrench
- Circuit Identification
- Phase Marking
- Switch Identification
- All aluminum construction, black anodized



Selection Information

Part Number w/AMPACT Connector	Fits Conductor
83005-4	#2-1/0
83005-1	2/0-4/0 AWG
83005-5	4/0-266.8
83005-2	336.4-556.5 AAC
83005-3	795 AAC, ACSR

Plate width – 4.00 (101.60), Plate length – 15.50 (393.70). Note: Alpha-numeric characters not supplied with ID plate.