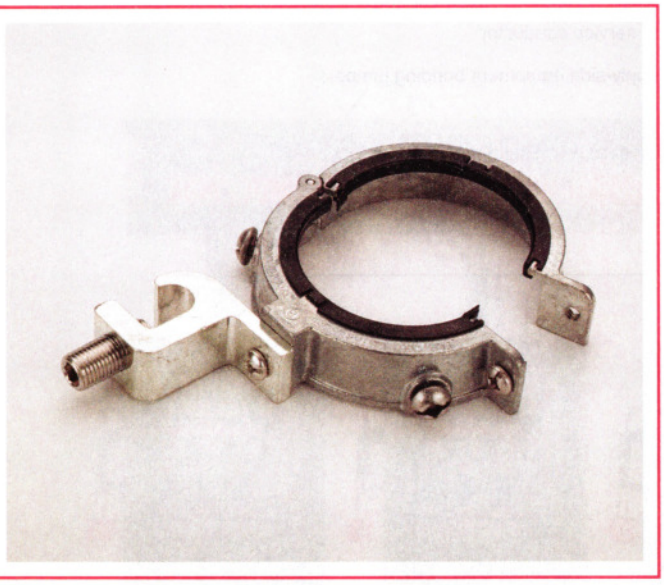

EXHIBIT 250.35 A split-type bond bushing used to provide a bonding connection between a conduit and an enclosure. *(Courtesy of Bridgeport Fittings, Inc.)*

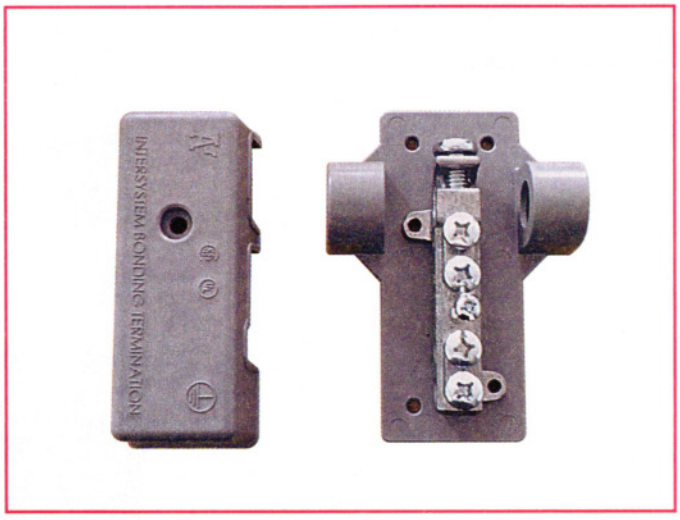

EXHIBIT 250.36 A listed intersystem bonding termination providing the required number of terminals (minimum of three) for connecting building communications systems to the grounding system of the electrical power supply.

conduit contains feeders or branch circuits rated above 250 volts to ground.

Exhibit 250.35 shows a listed split-type bond bushing used to connect a threaded conduit to an enclosure and provide the bonding connection required by 250.92(B).

250.94 Bonding for Communications Systems. Communications system bonding conductor terminations shall be connected in accordance with 250.94(A) or (B).

Δ **(A) The Intersystem Bonding Termination Device.** An intersystem bonding termination (IBT) for connecting intersystem bonding conductors shall be provided external to enclosures at the service equipment or metering equipment enclosure and at the disconnecting means for any buildings or structures that are supplied by a feeder or branch circuit. If an IBT is used, it shall comply with the following:

(1) Be accessible for connection and inspection
(2) Consist of a set of terminals with the capacity for connection of not less than three intersystem bonding conductors
(3) Not interfere with opening the enclosure for a service, building or structure disconnecting means, or metering equipment
(4) Be securely mounted as follows:
   a. At the service equipment, to a metal enclosure for the service equipment, to a metal meter enclosure, or to an exposed nonflexible metal service raceway, or be connected to the metal enclosure for the grounding electrode conductor with a minimum 6 AWG copper conductor
   b. At the disconnecting means for a building or structure that is supplied by a feeder or branch circuit, be electrically connected to the metal enclosure for the building or structure disconnecting means, or be connected to the metal enclosure for the grounding electrode conductor with a minimum 6 AWG copper conductor
(5) Be listed as grounding and bonding equipment

Exception: In existing buildings or structures, if any of the intersystem bonding and grounding electrode conductors required by 770.100(B)(2), 800.100(B)(2), 810.21(F)(2), and 820.100 exist, installation of an IBT shall not be required. An accessible means external to enclosures for connecting intersystem bonding and grounding electrode conductors shall be permitted at the service equipment and at the disconnecting means for any buildings or structures that are supplied by a feeder or branch circuit by at least one of the following means:

(1) Exposed nonflexible metal raceways
(2) An exposed grounding electrode conductor
(3) Approved means for the external connection of a copper or other corrosion-resistant bonding or grounding electrode conductor to the grounded raceway or equipment

Intersystem means that the electrical system and other systems such as communications systems found in Chapter 8 and optical fiber cables (Article 770) are bonded together to minimize the occurrence of potential differences between equipment of different systems. Exhibit 250.36 is an example of an intersystem bonding termination that is to be installed and connected as specified in 250.94(A)(1) through (5).