DESCRIPTION

PRODUCT COVERED:

USR, Component - Quick-Connect Terminals, Type "Faston, Series 187, 110 & 250." For specific catalog numbers, see illustrations.

GENERAL CHARACTER AND USE:

The products covered are quick-connect tabs and quick-connect connectors intended for assembly on No. 22 to No. 10 AWG stranded copper wire using this manufacturer's power tools. They are intended for internal wiring of electrical equipment where strain relief is provided. The quick-connect terminals are for use on copper alloy or plated steel, male production tabs, and stranded copper wire sizes (see tabulation below). For specific tooling, wire sizes and tab sizes refer to Illustrations **1-10, 31-44.**

Wire Size (AWG)	Number of Strands
10	105
12	65
14	41
16	26
18	16
20	10
22	7

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated USR have been investigated using requirements contained in the Standard for Electrical Quick Connect Terminals, UL 310.

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Conditions of Acceptability - The following items are to be judged with respect to specific applications in their end use.

1. These devices are not to be used for current interruption or grounding purposes.

2. These devices are for use where strain relief is provided as part of the equipment.

3. These devices are for internal wiring only in electrical equipment on flexible copper wire only having stranding indicated under "General Character and Use."

4. The steel quick-connect connectors are for use in equipment where steel is acceptable for current carrying parts.

5. Cat. Nos. 63609, 63655 do not comply with required retention forces in UL 310 when mated with the intended tabs.

6. Cat. No. 41531-1 has an assigned max current of 15 A.

7. **TYPE "FASTON SERIES 187", Cat. No.63832-2 has been evaluated for use with the non ANSI/NEMA No. DC-2-1982 tab, Cat. No. 60443-3, shown in Ill. 44. Cat. No. 63832-2 has not been evaluated for Insertion-Withdrawal forces. The suitability of the connector to retain and release the mating tab shall be determined in the end use application.**