

D E S C R I P T I O NPRODUCT COVERED:

Component Wire Connectors (not for general use), Knife Disconnect Type DG, PIDG, Budget and Standard B (See Engineering Considerations).

GENERAL CHARACTER AND USE:

These devices are terminal connectors having a wire range as stated in Ill. 1, utilizing stranded copper wire only.

DG (Diamond Grip) - These devices are uninsulated pressure wire connectors intended to be installed with the manufacturer's Type DG hand or power driven tooling on 22 - 10 AWG stranded wire only.

PIDG (Preinsulated Diamond Grip) - These devices are insulated pressure wire connectors intended to be installed with the manufacturer's Type PIDG or TETRA-CRIMP hand or power tools.

These connectors are rated 300 V max in locations where the temperature does not exceed 105 C. These connectors are Recognized for a wire range of Nos. 22-10 AWG stranded wire only.

Budget - These devices are uninsulated pressure wire connectors intended to be installed with the manufacturer's Type "F" hand or power driven tools.

These connectors are Recognized for a wire range of Nos. 22-10 AWG stranded wire only.

Standard "B" - These devices are uninsulated pressure wire connectors intended to be installed with the manufacturers Type "B" hand or power driven tools.

These connectors are Recognized for a wire range of Nos. 22-10 AWG stranded wire only.

**Insulation (PIDG Series) - Recognized Component plastic (QMFZ2) PA66, Akulon S240-CH manufactured by DSM Engineering Plastics, V-2 flame class equivalency, colors Red, Blue, Yellow, min. 0.017 in. thick.**

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR USE):

The component wire connectors Type DG, Budget, PIDG, and Standard B are of the knife disconnect type. They are suitable for use where the acceptability of the combination has been judged by Underwriters Laboratories Inc.

CONDITIONS OF ACCEPTABILITY:

In order to be judged acceptable as a component of electrical equipment, the following conditions should be met.

1. These devices should be used only where they will not interrupt the current.
2. The current carried by each connection shall be judged under requirements applicable to the electrical equipment in which the devices are used with respect to operating temperatures.
3. The max temperature on the Type PIDG Knife Disconnect should not exceed 105°C.
4. The Type PIDG devices are insulated for use with 300 V max. All other devices are uninsulated.
5. The suitability of the mechanical and electrical connection between the mating contacts is to be judged as part of the equipment in which it is used.

\* Marking - Electrical ratings, including "CU", crimp instructions, wire strip length, etc., are not provided. Such markings may be required in the end-equipment.

T.F.  
A.N.