

File E52653
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REPORT

On

CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER
APPLICATIONS

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

- * **USR Component Connectors, Series QR/P4:**
- * **Cat. Nos. QR/P4, followed by -8, -12, -16, -24, -32 or 40, followed by P or S, followed by -C, may be followed by (01) thru (99).**

GENERAL DESCRIPTION OF PRODUCT:

These are plugs and connectors for use in appliances. Contacts are shipped along with connector bodies and are intended to be mounted into the connector body by the user after attachment of appropriate size wire. **The devices are identified as follows:**

USR indicates investigation to United States Standards, UL 1977.

ELECTRICAL RATINGS:

Voltage determined by contact type. Current determined by contact type and wire size as follows.

| <u>Contact Location</u> | <u>Contact Type</u> | <u>AWG</u> | <u>Amps</u> | <u>Voltage</u> |
|-------------------------|---------------------|------------|-------------|----------------|
| *One set of contacts | QR/P1-PC2B | 20-22 | 3 | 300 |
| * at each end | QR/P1-SC2B | 20-22 | 3 | 300 |
| * | QR/P1-PC2B | 24 | 2 | 300 |
| * | QR/P1-SC2B | 24 | 2 | 300 |
| * | QR/P1-PC2A | 24 | 2 | 300 |
| * | QR/P1-SC2A | 24 | 2 | 300 |
| * | QR/P1-PC2A | 26-28 | 1 | 300 |
| * | QR/P1-SC2A | 26-28 | 1 | 300 |
| *All other contact | QR/P1-PC2A | 24 | 2 | 250 |
| * | QR/P1-SC2A | 24 | 2 | 250 |
| * | QR/P1-PC2A | 26-28 | 1 | 250 |
| * | QR/P1-SC2A | 26-28 | 1 | 250 |

Disconnecting Use - See Sec. Gen. For required markings.

NOMENCLATURE:

The Series QR/P4 are designated as follows:

Example:

| | | | | |
|-------|-----|-----|----|------|
| QR/P4 | -12 | P | -C | (21) |
| I | II | III | IV | V |

- I: Series Name
QR/P4
- II: Number of Contacts
-8, -12, -16, -24, -32 and -40
- III: Connector Style
P: Receptacle
S: Plug
- IV: Terminal Style
-C: Crimp type
- V: Customer Specifications
(01) to (99) or blank: Indicating packaging differences or Insulator material color variations **unless noted otherwise.**
- (21), (22) or (26): Employing TORAY insulating material**
Other than (21), (22) or (26): Employing SABIC or BARLOG PLASTICS insulating material.