

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

Component - Terminal Blocks, Type AKZ2.5 followed by Cat. No. 6971.6 and Type AKZ2.5GS followed by Cat. Nos. 6968.6, 6969.6 and Type AKZ2.5K followed by Cat. Nos. 6954, 6 through 6966.6 inclusive, 1088.6 through 1091.6 inclusive.

GENERAL:

These are multicircuit terminal blocks which provide screw-tightening pressure wire connectors, wire wrap pins or a 0.110 in. quick-connect tab for conductor terminations. These terminal blocks are intended for general industrial and commercial application. The pressure wire connectors are suitable for field-wiring.

RATING:

* Field-Wiring - Pressure wire connector - No. 12-22 AWG, Cu, 10 A maximum, 300 V general industrial use, 4.5 lb/in. tightening torque.

Factory-Wiring - Pressure wire connector - No. 12-26 AWG Cu, 10 A maximum, 300 V general industrial use, 250 V commercial use.

Wire Wrap Terminals -

0.6 by 0.6 mm cross sectional area - 30-26 AWG wire.
1.0 by 1.0 mm cross sectional area - 30-26 AWG wire.
1.6 by 0.8 mm cross sectional area - 30-20 AWG wire.

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR'S USE):

Use - For use only with products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

SB/KB/JM:vg

Conditions of Acceptability -

1. The mounting suitability shall be determined in the end use.

2. When mounted on a printed circuit board, the suitability of the combination shall be determined in the end-use.

3. The insulating bodies are molded of polymeric materials, as specified in the following tabulation.

<u>Material</u>	<u>Temperature Rating</u>
Ultramid A3K	105
Maranyl A127	105
*PA-66-HWL	130

The acceptability of the insulating materials, including any higher temperature rating, is to be judged with respect to the end-use product temperature.

Plastic Materials (QMFZ2) may be used interchangeably at 105°C (lowest temperature).

4. The tightening torque for field wiring pressure wire connector terminals is recorded in the Ratings section of this Report. This torque value shall be marked on the end-use product for those categories which require torque markings for field terminated conductors.

5. These devices may be suitable for other applications providing spacings, insulation, heat rise etc., are acceptable in the end-use.

FP/AG/HHS/tf