

# QUYX2.E244207 - Process Control Equipment, Electrical - Component

## Process Control Equipment, Electrical - Component

See General Information for Process Control Equipment, Electrical - Component

**PRECISION DIGITAL CORP**

E244207

233 South St

Hopkinton, MA 01748 USA

**Temperature controllers**, Models PD55\*, PD54\*, PD56\*, PD57\*.

\* May be followed by a suffix 0 thru 9.

The acceptability of these devices with a specific end product is dependent upon the following conditions of acceptability:

1. The terminals provided on the PWB of the equipment have not been investigated for field connection. The acceptability of the connection to these terminals, including temperature and secureness, shall be determined in the ultimate application.
2. This component has been judged on the basis of a maximum altitude of 2000 m, Installation Category II, Pollution Degree 2 and the required spacings in The Standard for Process Control Equipment, UL 61010C-1, First Edition and CAN/CSA-C22.2 No. 1010.1-92, which would cover the component itself if submitted for Listing.
3. All power supply secondary output circuits are Limited Circuits (LIM or LC)
4. Transformer and Inductor employ an electrical insulation system designated Class A.
5. These controllers are intended for use in a cabinet. Only the front panel of this device has been investigated as an electrical enclosure. The front panel has not been investigated for its resistance to foreign objects of dust particles and moisture. When installed in the end-use equipment, the


exposed terminals and ventilation openings on the rear portion of the controller shall be completely enclosed within the panel.

6. A switch or circuit-breaker acting as the disconnect device shall be included in the end-use equipment or the building installation.

7. A Temperature Test should be conducted in the end used equipment.

8. The front plate was not tested as a part of fire enclosure due to limited circuits. As a fire enclosure works the PWB (rated 94-V0) behind the front plate.

9. The device is suitable for use in a 50 C ambient.

Marking: Company name, model designation and the Recognized Component Mark  .

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