

# PTR030V0110

## Specifications

| Catalog Number | V <sub>max</sub> (Vdc) | I <sub>max</sub> (Amps) | I <sub>hold</sub> @23°C (Amps) | I <sub>trip</sub> @23°C (Amps) | P <sub>d</sub> Typ. (W) | Time to Trip (Max.) |       | Resistance (Ω)            |       |                                  | Agency Information |     |
|----------------|------------------------|-------------------------|--------------------------------|--------------------------------|-------------------------|---------------------|-------|---------------------------|-------|----------------------------------|--------------------|-----|
|                |                        |                         |                                |                                |                         | (Amps)              | (Sec) | Initial (R <sub>i</sub> ) |       | Post Trip (R <sub>1</sub> ) Max. | cURus              | TUV |
|                |                        |                         |                                |                                |                         |                     |       | Min.                      | Max.  |                                  |                    |     |
| PTR030V0090    | 30                     | 40                      | 0.90                           | 1.80                           | 0.6                     | 4.50                | 5.90  | 0.070                     | 0.120 | 0.22                             | X                  | X   |
| PTR030V0110    | 30                     | 40                      | 1.10                           | 2.20                           | 0.7                     | 5.50                | 6.60  | 0.050                     | 0.100 | 0.17                             | X                  | X   |
| PTR030V0135    | 30                     | 40                      | 1.35                           | 2.70                           | 0.8                     | 6.75                | 7.30  | 0.040                     | 0.080 | 0.13                             | X                  | X   |
| PTR030V0160    | 30                     | 40                      | 1.60                           | 3.20                           | 0.9                     | 8.00                | 8.00  | 0.030                     | 0.070 | 0.11                             | X                  | X   |
| PTR030V0185    | 30                     | 40                      | 1.85                           | 3.70                           | 1.0                     | 9.25                | 8.70  | 0.030                     | 0.060 | 0.09                             | X                  | X   |
| PTR030V0250    | 30                     | 40                      | 2.50                           | 5.00                           | 1.2                     | 12.50               | 10.30 | 0.020                     | 0.040 | 0.07                             | X                  | X   |
| PTR030V0300    | 30                     | 40                      | 3.00                           | 6.00                           | 2.0                     | 15.00               | 10.80 | 0.020                     | 0.050 | 0.08                             | X                  | X   |
| PTR030V0400    | 30                     | 40                      | 4.00                           | 8.00                           | 2.5                     | 20.00               | 12.70 | 0.010                     | 0.030 | 0.05                             | X                  | X   |
| PTR030V0500    | 30                     | 40                      | 5.00                           | 10.00                          | 3.0                     | 25.00               | 14.50 | 0.010                     | 0.030 | 0.05                             | X                  | X   |
| PTR030V0600    | 30                     | 100                     | 6.00                           | 12.00                          | 3.5                     | 30.00               | 16.00 | 0.005                     | 0.020 | 0.04                             | X                  | X   |
| PTR030V0700    | 30                     | 100                     | 7.00                           | 14.00                          | 3.8                     | 35.00               | 17.50 | 0.005                     | 0.020 | 0.03                             | X                  | X   |
| PTR030V0800    | 30                     | 100                     | 8.00                           | 16.00                          | 4.0                     | 40.00               | 18.80 | 0.005                     | 0.013 | 0.02                             | X                  | X   |
| PTR030V0900    | 30                     | 100                     | 9.00                           | 18.00                          | 4.2                     | 45.00               | 20.00 | 0.005                     | 0.010 | 0.02                             | X                  | X   |

- Notes:
- I<sub>hold</sub> – Hold current: Maximum current device will pass without interruption in 23°C still air.
  - I<sub>trip</sub> – Trip current: Minimum current that will switch the device from low resistance to high resistance in 23°C still air.
  - V<sub>max</sub>: Maximum continuous voltage device can withstand without damage at rated current.
  - I<sub>max</sub>: Maximum fault current device can withstand without damage at rated voltage.
  - P<sub>d</sub>: Power dissipated from device when in the tripped state in 23°C still air.
  - R<sub>i</sub> (min.): Minimum resistance of device as supplied at 23°C unless otherwise specified.
  - R<sub>i</sub> (max.): Maximum resistance of device as supplied at 23°C unless otherwise specified.
  - R<sub>1</sub> (max.): Maximum resistance of device when measured one hour post reflow (SMD) or one hour post trip (radial-leaded device) at 23°C unless otherwise specified.

Time-to-Trip Curves at 23°C

