

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF375-1

DOCUMENT: SCD25749 REV LETTER: G

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating

Voltage: 72 V max (AC or DC) Current: 40 A max (AC or DC)

Insulating Material:

Cured, Flame Retardant Epoxy

Polymer

meets UL94 V-0 Requirements

Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X375 and Part Identification



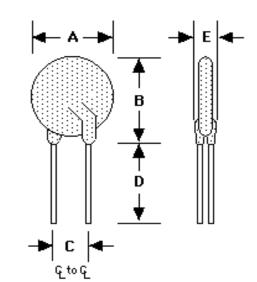


TABLE I. DIMENSIONS:

| | Α | | В | | С | | D | | Е | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | | 27.2 | | 31.8 | 9.4 | 10.9 | 25.4 | | | 3.0 |
| in*: | | (1.07) | | (1.25) | (0.37) | (0.43) | (1.00) | | | (0.12) |

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD | CURRENT | | INITIAL | | TIME TO TRIP | ONE HOUR | TRIPPED- STATE | | | | | |
|---------|---------|--------|------------|------|--------------|-----------|----------------|---------|--|--|--|--|
| RATED | RATINGS | | RESISTANCE | | | POST-TRIP | POWER | | | | | |
| CURRENT | | VALUES | | | RESISTANCE | DISSIP | DISSIPATION | | | | | |
| | | | | | STANDARD | | | | | | | |
| | | | | | | TRIP | | | | | | |
| AMPERES | AMPERES | | OHMS | | SECONDS AT | OHMS | WATTS | WATTS | | | | |
| AT 20°C | AT 20°C | | AT 20°C | | 20°C, 18.75A | AT 20°C | AT 20°C | AT 20°C | | | | |
| HOLD | HOLD | TRIP | MIN | MAX | MAX | MAX | NOMINAL | MAX | | | | |
| 3.75 | 3.75 | 7.50 | 0.03 | 0.05 | 24.0 | 0.08 | 3.2 | 4.5 | | | | |

Agency Recognitions UL, CSA, TUV, CQC

Reference Documents: PS300

Precedence: This specification takes precedence over documents referenced herein.

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information

ROHS Compliant ELV Compliant

Pb-Free

Halogen Free*

Directive 2002/95/EC Compliant

Revised July 26, 2016

Directive 2000/53/EC Compliant





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Specifications are subject to change without notice.

^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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