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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RUEF400

DOCUMENT: SCD 25176

PCN: F56630 REV LETTER: E

REV DATE: OCTOBER 10, 2007

PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating at 20°C

30 V_{DC} /100 A $_{DC}$ 30 V_{AC} /70 A $_{RMS}$

Insulating Material:

Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

xx 30

UF 400 —— Part Identification

□□□□□ —— Lot Identification

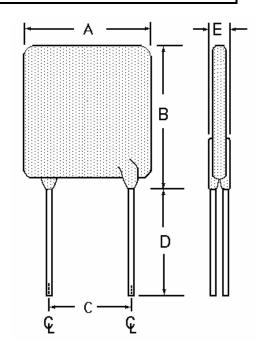


TABLE I. DIMENSIONS:

(can be on back)

| | Α | | В | | С | | D | | Е | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | | 14.0 | | 19.3 | 4.3 | 5.8 | 7.6 | | | 3.0 |
| in*: | | (0.55) | | (0.76) | (0.17) | (0.23) | (0.30) | | | (0.12) |

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD | CURRENT RATINGS | | TIME TO TRIP | RESISTANCE | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | NOMINAL TRIPPED POWER DISSIPATION |
|--------|--------------------|------|-----------------|------------|------|---|--|
| AMPS | AMPS AT | | SECONDS AT | OHMS | | OHMS | WATTS AT |
| 20°C | 20°C | | 20°C, 20.0A | AT 20.0° C | | AT 20°C | 20°C |
| HOLD | HOLD | TRIP | MAX | MIN | MAX | MAX | |
| 4.00 | 4.00 | 8.00 | 12.7 | 0.01 | 0.03 | 0.05 | 2.5 |

Agency Recognitions: UL, CSA, TUV 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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



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