

## Specification Status: Released

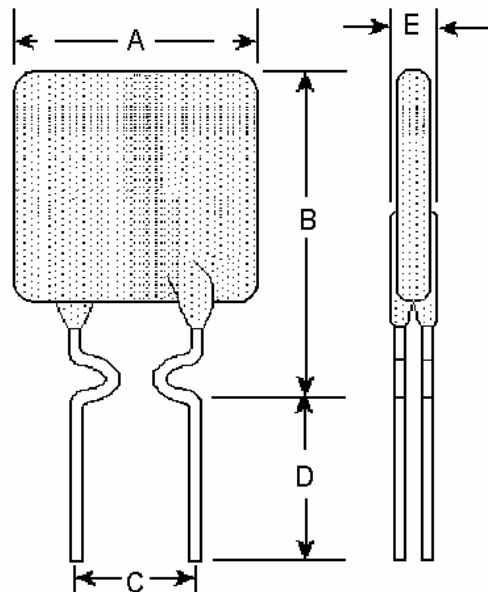
Maximum Electrical Rating at 20°C  
30 V<sub>DC</sub> /100 A<sub>DC</sub>  
30 V<sub>AC</sub> /70 A<sub>RMS</sub>

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

Lead Material:  
24 AWG Tin Plated Copper Clad Steel

Marking:  
— Manufacturer's Mark  
XX U185 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 10.2   | --  | 15.7   | 4.3    | 5.8    | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.40) | --  | (0.62) | (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 | TRIPPED POWER DISSIPATION |                   |
|----------------|-------------------|-------------------|----------------------------|------------------|------------------|---------------------------------------------|---------------------------|-------------------|
| AMPS 20°C HOLD | AMPS AT 20°C HOLD | AMPS AT 20°C TRIP | SECONDS AT 20°C, 9.25A MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX | OHMS AT 20°C MAX                            | WATTS AT 20°C NOMINAL     | WATTS AT 20°C MAX |
| 1.85           | 1.85              | 3.70              | 8.7                        | 0.03             | 0.06             | 0.09                                        | 1.00                      | 1.41              |

Agency Recognitions: UL, CSA, TUV, CQC

Reference Documents: PS300

Precedence:

Effectivity:

CAUTION:

This specification takes precedence over documents referenced herein.

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

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

## Materials Information

**ROHS Compliant**

Directive 2002/95/EC  
Compliant

**ELV Compliant**

Directive 2000/53/EC  
Compliant

**Pb-Free**



**Halogen Free\***



\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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