

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF300

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Specification Status: Released

Electrical Rating Ε Voltage: 16V MAX Current: 100A MAX Insulating Material: Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements R Lead Material: 20 AWG Tin Plated Copper (0.8 mm [0.032] nom. diameter) Marking: Manufacturer's Mark D and Part Identification XX Н3 F Lot Identification ¢ TABLE I. DIMENSIONS: С D F F MIN MAX MIN MAX MIN MAX MIN MAX MIN MAX TYP mm: 8.8 ---13.8 4.3 5.8 7.6 --3 1.2 in*: (0.35)(0.55)(0.17)(0.23)(0.3)--(0.12)(0.05)*Rounded off approximation TABLE II. PERFORMANCE RATINGS: I HOLD CURRENT TIME TO INITIAL ONE-HOUR NOMINAL RESISTANCE POST-TRIP TRIPPED RATED RATINGS TRIP CURRENT VALUES RESISTANCE POWER STANDARD TRIP DISSIPATION AMPS AT SECONDS AT OHMS WATTS AT AMPS OHMS AT 25°C 25°C AT 25°C 25°C, 15A AT 25°C 25°C 16V HOLD HOLD MAX MIN MAX TRIP MAX TYP 5.0 0.033 0.053 0.079 3.0 3.0 6.0 3.0 UL, CSA, TUV. Agency Recognitions: **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



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



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