

PolySwitch® PTC Devices

Overcurrent Protection Device

А

PRODUCT: RGEF600

Е

F

B

D

DOCUMENT: SCD25195 REV LETTER: E REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating Voltage: 16V MAX Current: 100A MAX

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper (0.81mm [0.032] nom. diameter)

Marking:

Manufacturer's Mark

 $\times G6$ and Part Identification

Lot Identification

TABLE I. DIMENSIONS:

	А		В		С		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	9.7	10.7	12.2	17.1	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	(0.38)	(0.42)	(0.48)	(0.67)	(0.17)	(0.23)	(0.30)	-	(0.08)	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

	I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	R _{1 MAX} 1 HR. POST TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION		
	AMPS	AMPS		OHMS		SECONDS AT	OHMS	WATTS		
	AT 25°C	AT 25°C		AT 25°C		25°C, 30A	AT 25°C	AT 25°C		
	HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	TYP		
	6.0	6.0	10.2	0.0100	0.0190	3.3	0.0280	2.8		
.ge	gency Recognitions: UL, CSA, TUV									

Agency Recognitions: UL, CSA, Reference Documents: PS300 Precedence: This speci

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

Effectivity:

CAUTION:



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



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