

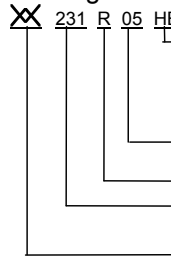
Gas Discharge Tube Overvoltage Protection Device

PRODUCT: GTCN28-231L-R05

DOCUMENT: SCD26766
REV LETTER: C
REV DATE: MAY 12, 2011
PAGE NO.: 1 OF 1

Specification Status: RESTRICTED

Marking:


Week of Manufacture
 Per Raychem Circuit Protection
 Lot number system :
 E.g. H = Second half of 2004; B = week 2
Surge Rating:
 05 : 5kA
Product Family
Voltage Designator
 231 : 230 V
Raychem Symbol

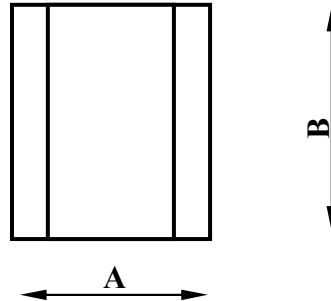


TABLE I. DIMENSIONS

	A		B	
	MIN	MAX	MIN	MAX
mm:	5.8	6.2	7.8	8.2
in*:	(0.228)	(0.244)	(0.307)	(0.323)

*Rounded off approximation

TABLE II. Electrical Characteristics

	DC Sparkover Voltage	Impulse Sparkover Voltage	Insulation Resistance	Capacitance	Impulse Discharge Current 8/20 μ s	Impulse Discharge Current 10/1000 μ s	AC Discharge Current, 50 Hz
Part Number	@ 100V/s	@1kV / μ s	@100 V _{DC}	@ 1MHz	Repeat 10 times (5 times, each polarity)	300 times	Repeat 5 times 1s
GTCN28-231L-R05	230V $\pm$ 15%	< 700V	$\geq$ 10,000M Ω	<1.5pF	5kA	100A	10A

General Characteristics

No Radioactive Materials

Storage temperature: -40°C ... +90°C

Operating temperature: -40°C ... +90°C

Body : Nickel Plated

Materials Information

ROHS Compliant

ELV Compliant

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

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.