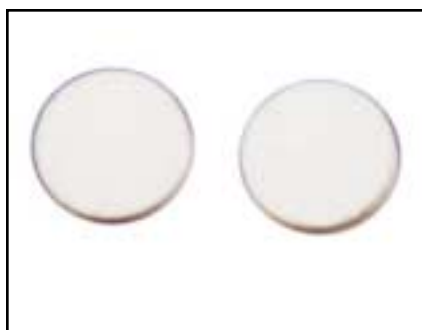


CPTC Thermistors



CG Series High Voltage Disc PTC Thermistor

Typical Applications

- Overcurrent Protection for Motor Starters
- Refrigerators
- Air Conditioners
- Freezers

Features

- High Voltage
- Disc Thermistor
- Leadless Package
- Low Resistance
- Lead Free

Specifications

Part Number	Resistance @ 25°C ($\Omega \pm 20\%$)	Rated Voltage (V _{AC})	Maximum Voltage V _{max}	Maximum Current I _{max} (A)	Ref. Curie Temperature (°C)
CG3-3R3-381NL-B	3.3	160	380	12.0	120
CG3-4R7-601NL-B	4.7	180	600	8.0	120
CG3-6R8-601NL-B	6.8	225	600	13.0	120
CG3-100-601NL-B	10	315	600	12.0	120
CG3-150-601NL-B	15	355	600	10.0	120
CG3-220-601NL-B	22	400	600	9.0	120
CG3-330-601NL-B	33	450	600	8.0	120
CG3-470-601NL-B	47	450	600	7.0	120

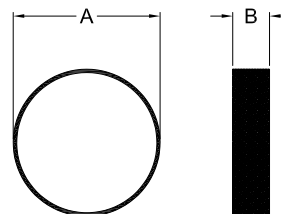
Notes:

Maximum Voltage = Maximum voltage the device can withstand without damage.

Maximum Current = Maximum current the device will conduct without interruption at 25°C in still air unless otherwise specified.

Product Dimensions (mm)

Part Number	Maximum Dimensions	
	A	B
CG3-3R3-381NL-B	20	3.5
CG3-4R7-601NL-B	20	3.5
CG3-6R8-601NL-B	20	3.5
CG3-100-601NL-B	20	3.5
CG3-150-601NL-B	20	3.5
CG3-220-601NL-B	20	3.5
CG3-330-601NL-B	20	3.5
CG3-470-601NL-B	20	3.5



Part Numbering System

CG 3 - 3R3 - 381 NL -B
 1 2 3 4 5 6

1. Series Code: CG Series

2. Body Type: 3 = Bare Disc

3. Resistance @ 25°C ($\Omega \pm 20\%$):
2 significant digits + multiplier
e.g. 3.3 Ω = 3R3

4. Max. Voltage (V_{AC}): 2 significant digits + multiplier
e.g. 380V = 381

5. Leads: NL = No Lead

6. Control Code

Note: The information contained in this catalog has been carefully reviewed and is believed to be accurate. However, due to the possibility of unforeseen inaccuracies, no responsibility is assumed.



Stetron - USA
 ☎: 716-854-3443
 Fax: 716-854-3448

Web site: www.stetron.com
 ✉: thermistors@stetron.com

Stetron - Canada
 ☎: 905-475-6202
 Fax: 905-475-1926