



**THE DATASHEET OF  
ICL155R007-01**



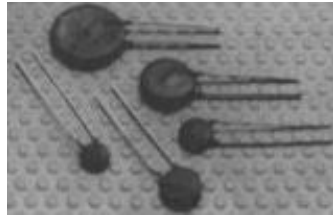
- Heaters
- Humidity Sensors
- Temperature Sensors
- Thermal Cutoffs
- Thermistors & Probes
  - > Chip Series Standard NTC Thermistors
  - > Disc Thermistors
  - > E-I Matched Bead Thermistors
  - > Surface Mounted, End-Banded NTC Thermistors
  - > Glass Encapsulated Chip Thermistors
  - > Glass Probes
  - > ICL Inrush Current Limiter Thermistors
  - > ISO-Curve Glass Bead and Glass Probe Thermistors
  - > Linear Thermistor Network (LTN)
  - > Posi-Chip Series PTC Thermistors
  - > Resistance-Temperature Conversion Tables
- Thermostats

### Quick Links

- Products & Applications
- Contact Us
- Request Free Literature

## Honeywell Sensing and Control

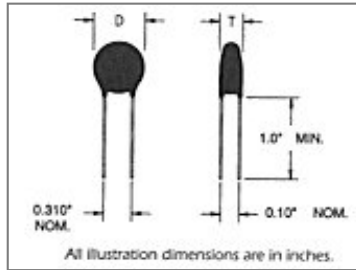
### ICL Inrush Current Limiters



Honeywell ICL Inrush Current Limiters are a cost-effective way of limiting the Inrush of current that can damage components in a switching power supply and other power devices when the equipment is turned on.

#### Features

- PC board mountable
- Rugged design
- Solderable leads
- High quality
- Low cost



#### Part Number Search

Search the Sensing and Control Interactive Catalog.

#### Keyword Search

Search for product and support information.

→ [Advanced Search](#)

#### Download Technical Docs

#### → Inrush Current Limiter Specifications

Parameter	Value
Resistance @ 25 °C, ± 20%	0.5 to 220 Ohms
Maximum Steady State Current	1 to 30 Amperes
Resistance at Maximum Steady State Current	0.01 to 2.34 Ohms
Operating Temperature	-40 °C to 185 °C
Storage Temperature	-40 °C to 220 °C
Lead Pull Strength	1 kg, applied in axial direction
Solderability of Leads	More than 95%
Lead Construction	Straight tinned copper (kinked available)
Coating	Black Silicone
Maximum Diameter	9.5 mm (0.374 inch) to 32.0 mm (1.260 inch)
Maximum Thickness	5.0 mm (0.204 inch) to 8.0 mm (0.327 inch)
Lead Diameter	0.8 mm (0.032 inch) to 1.0 mm (0.040 inch)

→ **Standard ICL Specifications (Part I)**

Part Number	Resistance at 25 °C (Ohms)	Max. Steady State Current (Amperes)	Resistance @ Max. Steady State Current (Ohms)
ICL32OR530-01	0.5	30	0.01
ICL22IR020-01	1	20	0.02
ICL32IR030-01	1	30	0.02
ICL222R018-01	2	18	0.03
ICLI52R508-01	2.5	8	0.07
ICL222R508-01	2.5	8	0.06
ICL222R515-01	2.5	15	0.03
ICLI55R006-01	5	6	0.1
ICL155R007-01	5	7	0.07
ICL1010002-01	10	2	0.3
ICL1010004-01	10	3.2	0.18
ICL1210005-01	10	5	0.13
ICL1510006-01	10	6	0.15
ICL2210008-01	10	8	0.1
ICL1512004-01	12	4	0.26
ICL1516004-01	16	4	0.27
ICL1220002-01	20	2	0.5
ICL1240002-01	40	2	0.6
ICL1250002-01	50	2	0.72
ICL1580003-01	80	2.5	0.75
ICL2212103-01	120	3	0.9
ICL1522102-01	220	2	0.8

→ **Standard ICL Specifications (Part II)**

Part Number	"D" Max. Coated Diameter (mm)	"T" Max. Coated Thickness (mm)	Lead Diameter (mm)
ICL32OR530-01	32	8	1
ICL22IR020-01	22	6	1
ICL32IR030-01	32	6	1
ICL222R018-01	22	6	1
ICLI52R508-01	15	6	0.8
ICL222R508-01	22	6	1
ICL222R515-01	22	6	1
ICLI55R006-01	15	6	0.8
ICL155R007-01	15	6	0.8
ICL1010002-01	9.5	5	0.5
ICL1010004-01	9.5	5	0.5
ICL1210005-01	11.5	5	0.8
ICL1510006-01	15	6	0.8
ICL2210008-01	22	6	1
ICL1512004-01	15	6	0.8
ICL1516004-01	15	6	0.8
ICL1220002-01	11.5	5	0.8
ICL1240002-01	12	5	0.8
ICL1250002-01	11.5	5	0.8

ICL1580003-01	15	6	0.8
ICL2212103-01	22	6	1
ICL1522102-01	15	5	0.8

.....

Custom designs are available to meet the specific needs of your unique application.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View ICL155R007-01 on WIN SOURCE](#)

 [Honeywell Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management