



All illustration dimensions are in inches.

**Fenwal Electronics 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.

Inrush Current Limiter Specifications	
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° to +185°C
Storage Temperature	-40° 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
Physical Dimensions	
Maximum Diameter	9.5 mm (0.374") to 32.0 mm (1.260")
Maximum Thickness	5.0 mm (0.204") to 8.0 mm (0.327")
Lead Diameter	0.8 mm (0.032") to 1.0 mm (0.040")

Standard ICL Specifications									
Part Number	Resistance 25°C (Ohms)	Maximum Steady State Current (Amperes)	Resistance @ Max Steady State Current (Ohms)	"D" Maximum Coated Diameter (mm) (Inches)		"T" Maximum Coated Thickness (mm) (Inches)		Lead Diameter (mm) (Inches)	
ICL32OR530-01	0.5	30	0.01	32	1.26	8	0.327	1	0.04
ICL221R020-01	1	20	0.02	22	0.866	6	0.245	1	0.04
ICL321R030-01	1	30	0.02	32	1.26	6	0.245	1	0.04
ICL222R018-01	2	18	0.03	22	0.866	6	0.245	1	0.04
ICL152R508-01	2.5	8	0.07	15	0.591	6	0.245	0.8	0.032
ICL222R508-01	2.5	8	0.06	22	0.866	6	0.245	1	0.04
ICL222R515-01	2.5	15	0.03	22	0.866	6	0.245	1	0.04
ICL155R006-01	5	6	0.1	15	0.591	6	0.245	0.8	0.032
ICL155R007-01	5	7	0.07	15	0.591	6	0.245	0.8	0.032
ICL1010002-01	10	2	0.3	9.5	0.374	5	0.204	0.5	0.020
ICL1010004-01	10	3.2	0.18	9.5	0.374	5	0.204	0.5	0.020
ICL1210005-01	10	5	0.13	11.5	0.453	5	0.204	0.8	0.032
ICL1510006-01	10	6	0.15	15	0.591	6	0.245	0.8	0.032
ICL2210008-01	10	8	0.1	22	0.866	6	0.245	1	0.04
ICL1512004-01	12	4	0.26	15	0.591	6	0.245	0.8	0.032
ICL1516004-01	16	4	0.27	15	0.591	6	0.245	0.8	0.032
ICL1220002-01	20	2	0.5	11.5	0.453	5	0.204	0.8	0.032
ICL1240002-01	40	2	0.6	12	0.470	5	0.204	0.8	0.032
ICL1250002-01	50	2	0.72	11.5	0.453	5	0.204	0.8	0.032
ICL1580003-01	80	2.5	0.75	15	0.591	6	0.245	0.8	0.032
ICL2212103-01	120	3	0.9	22	0.866	6	0.245	1	0.04
ICL1522102-01	220	2	0.8	15	0.591	5	0.204	0.8	0.032

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