



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		"T" Maximum Coated Thickness		Lead Diameter	
				(mm)	(Inches)	(mm)	(Inches)	(mm)	(Inches)
ICL320R530-01	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.