

φ 5mm (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		Imax (Amps)	RImax. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR05S100L	10	8.5	11.5	1	0.975	12	50	47	2750
JNR05S200L	20	17	23	0.3	0.283	12	50	47	2750

φ 7mm (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		Imax (Amps)	RImax. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR07S050M	5	4	6	3	0.197	10	45	47	2750
JNR07S080L	8	6.8	9.2	2.5	0.282	10	45	47	2750
JNR07S100L	10	8.5	11.5	2.3	0.343	11	45	68	2750
JNR07S120L	12	10.2	13.8	2.3	0.376	13	50	100	2750
JNR07S160L	16	13.6	18.4	2	0.593	13	50	100	2800
JNR07S220L	22	18.7	25.3	1.5	0.821	13	51	100	2800
JNR07S300L	30	25.5	34.5	1.5	0.887	13	51	100	2850
JNR07S500L	50	42.5	57.5	1.2	0.734	13	46	100	3100

φ 8mm (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		Imax (Amps)	RImax. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR08S4R7M	4.7	3.76	5.64	2	0.328	13	42	100	2750
JNR08S040M	4	3.2	4.8	2	0.315	13	42	100	2750
JNR08S050M	5	4	6	2	0.4	16	55	100	2750
JNR08S060L	6	5.1	6.9	2	0.374	16	55	100	2750
JNR08S070L	7	5.95	8.05	2	0.445	16	44	100	2750
JNR08S080L	8	6.8	9.2	2	0.828	16	44	100	2750
JNR08S100L	10	8.5	11.5	2	0.411	16	44	100	2750
JNR08S150L	15	12.75	17.25	2	0.431	12	47	100	2850
JNR08S180L	18	15.3	20.7	2	0.508	12	47	100	2850
JNR08S200L	20	17	23	1	0.529	12	47	100	2850
JNR08S220L	22	18.7	25.3	1	1.424	12	57	100	2850

φ 9mm (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		Imax (Amps)	RImax. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR09S030M	3	2.4	3.6	4	0.139	17	56	68	2750
JNR09S050M	5	4	6	3.8	0.164	17	63	68	2750
JNR09S080L	8	6.8	9.2	3.5	0.16	17	77	100	2750
JNR09S100L	10	8.5	11.5	3	0.198	17	88	100	2750
JNR09S120L	12	10.2	13.8	3	0.469	17	99	100	2800
JNR09S160L	16	13.6	18.4	2.5	0.413	17	103	100	2800
JNR09S220L	22	18.7	25.3	2	0.462	19	79	150	2850
JNR09S500L	50	42.5	57.5	1.4	0.451	17	66	150	3100

φ 10mm (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		Imax (Amps)	RImax. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR10S2R5M	2.5	2	3	5	0.751	14	45	150	2750
JNR10S030M	3	2.4	3.6	4	0.118	15	45	150	2750
JNR10S040M	4	3.2	4.8	4	0.16	17	45	150	2750
JNR10S050M	5	4	6	4	0.176	17	80	150	2750
JNR10S060L	6	5.1	6.9	3	1.114	17	80	330	2750
JNR10S070L	7	5.95	8.05	3	0.297	18	80	330	2750
JNR10S080L	8	6.8	9.2	3	0.329	19	80	330	2750
JNR10S100L	10	8.5	11.5	3	0.343	19	86	330	2800
JNR10S120L	12	10.2	13.8	2.5	0.436	19	86	330	2800
JNR10S130L	13	11.05	14.95	2.5	0.467	19	88	330	2850
JNR10S150L	15	12.75	17.25	2.5	0.492	18	88	330	2850
JNR10S160L	16	13.6	18.4	2.5	0.325	18	57	330	3100
JNR10S200L	20	17	23	2	0.576	19	57	330	3100
JNR10S250L	25	21.25	28.75	2	0.595	19	57	330	3100
JNR10S300L	30	25.5	34.5	2	0.666	19	64	330	3100
JNR10S470L	47	39.95	54.05	2	0.795	20	70	330	3100
JNR10S500L	50	42.5	57.5	2	0.905	22	97	330	3100
JNR10S800L	80	68	92	1	2.217	17	66	390	3400
JNR10S121L	120	102	138	1	2.693	17	95	390	3400

**φ 13mm** (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		I _{max} (Amps)	R _I max. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR13S1R3M	1.3	1.04	1.56	7	0.055	19	68	47	2750
JNR13S2R5M	2.5	2	3	5	0.113	21	92	68	2750
JNR13S030M	3	2.4	3.6	5	0.122	22	95	68	2750
JNR13S050M	5	4	6	5	0.095	22	110	100	2850
JNR13S060L	6	5.1	6.9	5	0.181	22	110	150	2850
JNR13S070L	7	5.95	8.05	4	0.33	22	110	330	2850
JNR13S080L	8	6.8	9.2	4	0.352	22	110	330	2850
JNR13S100L	10	8.5	11.5	4	0.145	22	110	330	2850
JNR13S120L	12	10.2	13.8	3	0.307	18	75	390	3100
JNR13S150L	15	12.75	17.25	3	0.389	18	82	560	3100
JNR13S160L	16	13.6	18.4	3	0.357	18	82	560	3100
JNR13S180L	18	15.3	20.7	2.8	0.428	22	82	470	3100
JNR13S200L	20	17	23	2.8	0.391	22	82	470	3100
JNR13S250L	25	21.25	28.75	2	0.764	22	94	560	3100
JNR13R500L	50	42.5	57.5	2	0.231	22	94	560	3400

**φ 15mm** (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		I _{max}	R _I max.	Thermal dissipation coefficient	Thermal Time constant	Maximum Capacitance AC(μF)	Material constant B(±10%)
	(Ohms)	min	max	(Amps)	(Ω)	(mW/°C)	(sec.)	(240V)	(°K)
JNR15S1R5M	1.5	1.2	1.8	8	0.056	23	94	100	2750
JNR15S1R3M	1.3	1.04	1.56	8	0.054	23	94	47	2750
JNR15S2R5M	2.5	2	3	8	0.071	23	112	150	2750
JNR15S030M	3	2.4	3.6	7	0.094	23	150	330	2750
JNR15S040M	4	3.2	4.8	6	0.129	24	110	330	2850
JNR15S050M	5	4	6	6	0.128	25	110	390	2850
JNR15S060L	6	5.1	6.9	5	0.158	25	114	390	2850
JNR15S070L	7	5.95	8.05	5	0.135	19	72	470	3100
JNR15S080L	8	6.8	9.2	5	0.145	21	76	470	3100
JNR15S100L	10	8.5	11.5	5	0.161	21	96	560	3100
JNR15S120L	12	10.2	13.8	4	0.237	21	100	560	3100
JNR15S150L	15	12.75	17.25	4	0.258	21	120	680	3100
JNR15S160L	16	13.6	18.4	4	0.252	26	120	680	3100
JNR15S180L	18	15.3	20.7	4	0.281	26	125	680	3100
JNR15S200L	20	17	23	4	0.285	26	125	680	3100
JNR15S250L	25	21.25	28.75	3	0.369	19	84	680	3400
JNR15S300L	30	25.5	34.5	3	0.401	24	97	680	3400
JNR15S400L	40	34	46	3	0.458	25	99	1000	3400
JNR15S470L	47	39.95	54.05	3	0.476	25	123	1000	3400
JNR15S800L	80	68	92	2.5	0.566	25	94	680	3600
JNR15S121L	120	102	138	2	1.042	25	97	1000	3600
JNR15S221L	220	187	253	1	3.355	25	138	1500	3600



φ 20mm (NTC--Inrush Current Limiting Thermistor)

Part Number	Resistance at 25°C	Tolerance		I _{max} (Amps)	R _I max. (Ω)	Thermal dissipation coefficient (mW/°C)	Thermal Time constant (sec.)	Maximum Capacitance AC(μF) (240V)	Material constant B(±10%) (°K)
	(Ohms)	min	max						
JNR20S0R7M	0.7	0.56	0.84	12	0.043	29	118	470	2750
JNR20S1R3M	1.3	1.04	1.56	8	0.066	31	157	470	2750
JNR20S2R5M	2.5	2	3	8	0.092	31	98	330	2850
JNR20S050M	5	4	6	7	0.109	31	90	390	3100
JNR20S060L	6	5.1	6.9	6	0.138	31	118	470	3100
JNR20S080L	8	6.8	9.2	6	0.137	31	130	470	3100
JNR20S100L	10	8.5	11.5	6	0.15	37	152	560	3100
JNR20S120L	12	10.2	13.8	5	0.246	37	210	680	3100
JNR20S121L	120	102	138	2	3.37	22	215	1500	3600