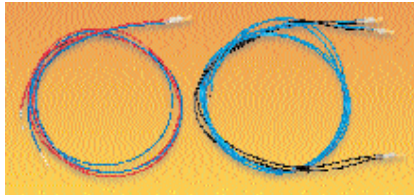


V max.=160V	Order Code	1+	100+	250+	500+	1000+
	800mA	607-022				
525mA	607-034					
400mA	607-046					
250mA	607-058					
180mA	607-060					
125mA	607-071					
70mA	607-083					
35mA	607-095					
V max.=265V	650mA	607-101				
200mA	607-113					
140mA	607-125					
100mA	607-137					
80mA	607-149					
55mA	607-150					
55mA	607-162					
30mA	607-174					

PTC, Single and Triple



L = 14, Dia. = 4, Lead L = 500, Connecting lead (triple types) L = 200

- Insulating encapsulation suitable for protection of windings in electric motors and similar applications up to 30V
- Available either singly or triple, ie three thermistors connected in series
- Trip temperature is coded in litz wire colour
- Wires are silver plated and PTFE insulated

Max. operating voltage	30V (T _A = 0 to 40°C)
Rated resistance R _N	≤100Ω (single), ≤300Ω (triple)
Threshold temperature tol. ΔT	± 5°C
Resistance @ T _{NAT} -ΔT	≤550Ω (each device)
Resistance @ T _{NAT} +ΔT	≥1330Ω (each device)
Resistance @ T _{NAT} +15K	≥4KΩ (each device)
Colour coding	100°C = red/red, 130°C = blue/blue, 160°C = blue/red, all connecting wires (triple types) = black

RP303

T _{NAT} Threshold Temp. (nom)	Mftrs. List No.	Order Code	1+	10+	30+	50+	100+
Single							
100°C	B59155M100A70	730-105					
130°C	B59155M130A70	730-117					
160°C	B59155M160A70	730-129					
Triple							
100°C	B59355M100A70	730-130					
130°C	B59355M130A70	730-142					
160°C	B59355M160A70	730-154					

PTC



Overall length = 50.0 min., Lead length = 32.0 min. Body length = 6.0, Lead diameter = 0.5, Tab diameter = 8.5, Hole diameter = 3.7

Positive temperature coefficient thermistors designed for temperature measurement and control applications in low voltage circuits. Mounted on tinned brass tags for ease of installation.

Resistance	@ 25°C = 100Ω max. @ T _{NAT} -5°K = 550Ω max. @ T _{NAT} +5°K = 1330Ω max.	Max. operating voltage	@ 40°C ambient 30V dc Insulation test voltage 500V/5s Operating temperature -25°C to +155°C
Maximum PTC voltage	2.5V dc		
Mftrs. List No.	B59901D90A40 = 218-832, B59901D130A40 = 218-870		

RP304

Threshold Temperature T _{NAT}	Order Code	1+	100+	250+	500+
90°C	218-832				
130°C	218-870				

PTC



A range of leaded disc thermistors with positive temperature coefficient primarily intended for overload protection of equipment such as motors, transformers, lamps, rechargeable batteries and power supplies.

Switch temperature	T _S = 140°C (all types)
Rated temperature range	
Low voltage range	-40°C to +85°C
Mains voltage range	0 to 70°C

I _{nt} @ 25°C (mA)	I _t @ 25°C (mA)	R ₂₅ ±25% (Ω)	I _{max} (A)	d max. (mm)	Mftrs. List No.	Order Code
Low Voltage, Vmax=30V dc (except 478-090 = 60V)						
130	195	25	1.2	4.6	2322-660-51311	478-090
270	405	6	2.5	4.6	2322-660-52711	478-106
320	480	5	3.5	6.5	2322-661-53211	478-118
410	615	3	4.5	6.5	2322-661-54111	478-120
470	705	2.5	5	8.5	2322-661-54711	478-131
700	1050	1.3	8	10.5	2322-662-57011	478-143
920	1380	0.9	11	12.5	2322-662-59211	478-155
1170	1755	0.7	13.5	16.5	2322-663-51121	478-167
Mains Voltage, Vmax=265V rms						
11	17	3000	0.08	5	2322-660-51193	478-180
19	29	1200	0.14	5	2322-660-51993	478-209
28	42	500	0.2	5	2322-660-52893	478-210
39	59	260	0.3	5	2322-660-53993	478-222
76	115	85	0.55	5	2322-660-57693	478-234
110	165	48	0.65	7	2322-661-51113	478-246
170	255	22	0.9	8.5	2322-661-51713	478-258
320	480	8.4	2.2	12.5	2322-662-53213	478-260
700	1050	2.8	5.5	20.5	2322-664-57013	478-271

RP305

Trip Current @ 25°C	Order Code	1+	10+	100+	300+	1K+
Low Voltage						
195mA	478-090					
405mA	478-106					
480mA	478-118					
615mA	478-120					
705mA	478-131					
1050mA	478-143					
1380mA	478-155					
1755mA	478-167					
Mains Voltage						
17mA	478-180					
29mA	478-209					
42mA	478-210					
59mA	478-222					
115mA	478-234					
165mA	478-246					
255mA	478-258					
480mA	478-260					
1050mA	478-271					

PTC



L = 12, Dia. = 4, Leads L = 500

- Detect excessive temperatures inside industrial equipment
- Especially suitable for within windings of electromagnetic equipment

Resistance, nom.	1000Ω @ T _{NF} , 550Ω @ T _{NF} -5°C, 1330Ω @ T _{NF} +5°C, 4000Ω @ T _{NF} +15°C
Ambient temperature	-25°C to T _{NF} +15°C
Typ. dissipation constant	20mW/°C (embedded), 5.5mW/°C (free air @ 25°C)

Switch Temperature T _{NF}	Lead Colours	Mftrs. List No.	Order Code
90°C	Green-green	YGA090TB	731-420
100°C	Red-red	YGA100TB	731-432
120°C	Grey-grey	YGA120TB	731-444
140°C	Blue-white	YGA140TB	731-456
160°C	Blue-red	YGA160TB	731-468

RP306

All Order Codes	1+	25+	100+	250+	500+

continued

Major International Brands

All the leading brand names from over 1,000 major international manufacturers.