

# PTC Transformer and Motor Protection

Western Electronic Components Corporation's insulated PTC Thermistors are used for over temperature protection of various types of motors, transformers, and power machinery.

## FEATURES :

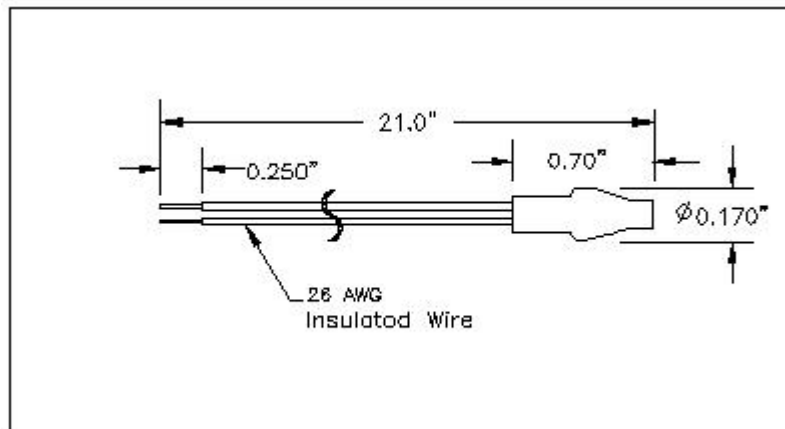
- Small size for fast response time
- Easily potted next to transformer windings
- Low Cost
- Single or Three Phase

## APPLICATIONS ;

- Motor Protection
- Transformer Protection
- Power Machinery Protection

### Single Element Physical Specification

- Resistance @ 25 C: 250 Ohms Maximum
- Voltage Maximum: 30 Volts

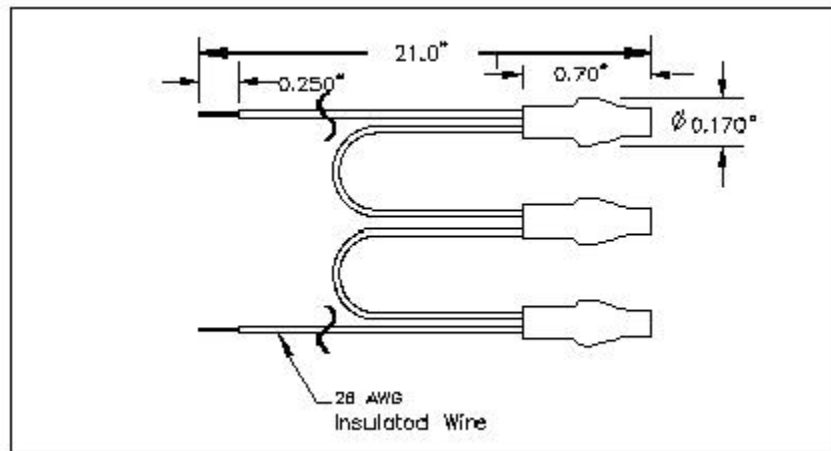


		Resistance	Resistance	Resistance	Resistance
Part Number	Switch Temp. (°C)	(OHMS)	(OHMS)	(OHMS)	(OHMS)
		ST - 5 °C	ST + 5 °C	ST + 15 °C	ST + 23 °C
WMP1312	60	<570	>570	>4000	>6000
WMP1313	70	<570	>570	>4000	>6000
WMP1314	80	<570	>570	>4000	>6000
WMP1315	90	<550	>1330	>4000	>6000
WMP1316	100	<550	>1330	>4000	>6000
WMP1317	110	<550	>1330	>4000	>6000
WMP1318	120	<550	>1330	>4000	>6000
WMP1319	130	<550	>1330	>4000	>6000
WMP1320	140	<550	>1330	>4000	>6000
WMP1321	150	<550	>1330	>4000	>4000
WMP1322	160	<550	>1330	>4000	>4000
WMP1323	170	<570	>570	>4000	>4000
<b>WMP1324</b>	180	<570	>570	>4000	>4000

## Three Phase Motor Protection

WECC's Three Element PTC Thermistor Over Temperature Protection Products is specifically designed for three phase motor protection.

### Three Element Physical Specification



### Three Element Electrical Specification:

- Resistance @ 25 C: 750 Ohms Maximum
- Voltage Maximum: 30 Volts

		Resistance	Resistance	Resistance	Resistance
Part Number	Switch Temp. (°C)	(OHMS)	(OHMS)	(OHMS)	(OHMS)
		ST - 5 °C	ST + 5 °C	ST + 15 °C	ST + 23 °C
WMP3512	60	<1710	>1710	>12000	>16000
WMP3513	70	<1710	>1710	>12000	>16000
WMP3514	80	<1710	>1710	>12000	>16000
WMP3515	90	<1650	>3990	>12000	>16000
WMP3516	100	<1650	>3990	>12000	>16000
WMP3517	110	<1650	>3990	>12000	>16000
WMP3518	120	<1650	>3990	>12000	>16000
WMP3519	130	<1650	>3990	>12000	>16000
WMP3520	140	<1650	>3990	>12000	>16000
WMP3521	150	<1650	>3990	>12000	>16000
WMP3522	160	<1650	>3990	>12000	>16000
WMP3523	170	<1710	>1710	>12000	>12000
WMP3524	180	<1710	>1710	>12000	>12000