THERMAL CONTROL SPECIALISTS

Calco Electric Corp. offers over 25 years of experience in the area of thermal controls. We offer thermal protectors, thermostats, thermal cutoffs, thermistors and insulated wires. We carry a large inventory of various thermal controls and in most cases we can ship same day. We can custom design our controls to meet your requirements. Please review a brief product overview and visit us online for detailed info CALCOELECTRIC.COM

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NEW!
Now Offering a Full Line of Insulated Heater Wires!

SILICONE INSULATED HEATER WIRE:
AWM3342, AWM3323, AWM3350, AWM3219, AWM3270, AWM3589
Use in heating pads, electric blankets, refrigeration, air conditioning and other high watt applications. Isolation voltages ranging from 600 to 6,000, temp. ratings from 150°C to 200°C, voltage ratings from 300V to 600V. Diameters range from 1.6 to 8 mm. Product life on all wires exceed 10,000 hours. Resistance .22 OHMS/ Ft. to 5000 OHMS Ft.

FIBERGLASS BRAID HEATER WIRE:
AWM5147
Use in hair curlers, small kitchen appliances and other low wattage applications. Resistance .22 OHMS/ Ft. to 5000 OHMS Ft.

PVC / THERMOPLASTIC INSULATED HEATER WIRE:
AWM1080, AWM1285
Use in heating pads, electric blankets and other low wattage applications. We offer PVC wires with diameters ranging from 1.8 to 5 mm and the product life on all of our insulated wires exceed 10,000 hours. Resistance .22 OHMS/ Ft. to 5000 OHMS Ft.

CARBON FIBER INSULATED HEATER WIRE:
AWM10543, AWM10480
Use in heating pads, electric blankets and other low wattage applications. Diameters ranging from 1.8 to 5 mm and the product life on all wires exceed 10,000 hours. Resistance .22 OHMS/ Ft. to 5000 OHMS Ft.

Get In Touch with Calco Electric :

We would be happy to answer any questions, provide a quote, or place an order via phone 1-330-966-3796, fax 1-330-244-0190 or e-mail SALES@CALCOELECTRIC.COM

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SNAP ACTION THERMAL / BATTERY PROTECTOR: MODEL BRMS

For over temperature and over current protection in battery packs. Designed for easy placement between battery cells. Available with insulated wire leads or nickel plated strip with an insulation sleeve. Temp. range 40°C-100°C.

THERMAL PROTECTORS FOR MOTOR PROTECTION: TP1 SERIES

Features a shape small size, Good pressure resistance, High switching capacity, Minimal contact resistance, is both temperature and current sensitive and has rapid response. Rated voltage : 50/60HZ, 250V AC. Rated Current : 2.5 (1.6A), COS 1.000.6. Rated Open Temp. range : +60°C to +160°C. Resetting temp.: Lower than rated open temp (+5°C - +70°C).

BIMETAL THERMISTOR: AMT-P1 SERIES


THERMAL PROTECTOR: ST01 SERIES

The ST01 Series is small and easy to install. It has accurate temperature response, is temperature sensitive, compact & pressure stable and is used in motors, transformers, coils and electronics. Temp. range 60°C-180°C. Contact rating 3 Amps @ 250V.

THERMAL PROTECTOR / MOTOR PROTECTOR: MODEL TP2

Features a miniature size, positive make and break with snap-action disc, repeatable temperature performance over life, suitable for most imprangetations, good DC/AC performance and a high grade thermoplastic insulated case. Used for HID ballasts, battery packs, motors, heating appliances and transformers. Temp. range 45°C-140°C. Contact rating 12 Amps @ 120V.

THERMAL PROTECTOR: TB-02 SERIES

One of the smallest devices manufactured in the world. It is comprised of a miniature bimetal snap disc that is both current and temperature sensitive. Operation of this thermal protector occurs when the temperature of the bimetal disc reaches its’ precalibrated set point by a combination of high current or high temperatures or a combination of both. The TB02 series offers a proven protector for use in battery packs, motors transformers, and ballasts and heating appliances. Temp. range 30°C-135°C. Contact rating 3 Amps @ 120V or 2 Amps @ 250V.

MODELS CK-01, CK-99

Features a compact and miniature size. Accurate and quick-switching snap action. Electrical rating 16VDC at 20Amps; 250VAC, 16A for TCO; 250VAC, 1.5A for TBP. Temp. range 5°C-185°C for TCO; 60°C-150°C for TBP. Tolerance : +/- 5°C for open action.

THERMAL PROTECTORS: MQT SERIES

Compact, inexpensive narrow differential with an extremely long life! Tolerance +/-2°C. Temp. range -10°C to 110°C.

SELF HOLD THERMAL CUTOUT: ASR

Designed to prevent overheat or fault conditions in a heater. Once activated in fault condition, contacts open and remain open. The only way to reset is to remove power and replace the fuse or switch. The push button and problem of automatic reset device, working remotely is eliminated.

RESETABLE THERMAL CUTOUT: AC02