



APPLIED THERMAL SYSTEMS, INC.

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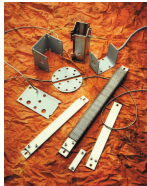
(763) 535-5545 (800) 479-4783 FAX (763) 535-4340

www.apptherm.com

Technical Problem Solvers & Application Specialists



CARTRIDGE HEATERS



STRIP HEATERS



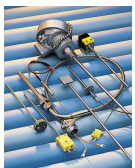
BAND HEATERS



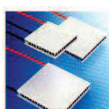
IMMERSION HEATERS



SCR CONTROLS



THERMOCOUPLES, RTD'S, WIRE



THERMOELECTRIC MODULES

WATLOW

Electric Heater Elements:
Firerod/Cartridge
Band, Strip
Radiant Panel
Flexible Rubber
Ceramic Fiber (2200° F)
Cast-In
Tubular
Immersion
Circulation
Duct/Process

Temperature Controls:
Ramping
Digital (PID, On/Off)
Alarms/Limits
Multiloop Alarm Scanners
Multiloop PID Systems

Data Acquisition:
WATVIEW Data Acquisition
SPECVIEW Data Acquisition

Load Switching Devices:
SSR Relays
SCR Power Controllers

Thermocouples, RTDs,
Thermowells
Wire & Cable

EXERGEN

Infrared Noncontact
Thermocouples
Infrared Sensors

EAGLE SIGNAL

Timers
Counters

DANAHER / DYNAPAR

Encoders
Tachometers
Motion Controllers
Proximity Switches
Totalizing Counters
Rate/Time Controllers

THERMON MANUFACTURING

Self-Regulating Heat Trace
Cables
Power-Limiting Heat Trace
Cables
Controls & Monitoring
Systems
Tank & Hopper Heaters
Steam Heat Tracing
Heat Transfer Cements

HEAT AND SENSOR

Cartridge, Band, Strip
Thin Band Quick Clamp
Channel Strip heaters

EXOR R&D

Universal OITs
Industrial Computers
Industrial Marquee Displays

IDEC

PLCs
OITs
Power Supplies
Photoelectric Sensors
Switches & Pilot Devices
Display Lights
Relays & Sockets
Timers

ATC

Timers
Counters
Time Delay Relays

FUJI - HMI DIVISION

Hakko - HMI
Monitouch - HMI
Remote Access Software

DWYER INSTRUMENTS

Level Controls
Flow Controls
Pressure Controls
Temperature Controls
Chart Recorders

IBOCO

Wiring Duct
Flexible Duct
Cable Ties
DINBLOK
Spiral Wrap

SPRECHER + SCHUH

Contactors
Motor Protection
Motor Starters
Soft Starters
Motor Circuit Controllers
Tower Lights
Disconnect Switches
Circuit Breakers
Relays

EE CONTROLS / AEG

Contactors
Motor Starters
Motor Circuit Controllers
Tower Lights
Disconnect Switches
Circuit Breakers
Relays

ASI INC.

Terminal Blocks
Busbar Connections
Power Supplies
Circuit Breakers
AC Power Modules
Sensors
Signal Conditioners
Sensor Cables
DIN Rail Cutter

MENCOM CORPORATION

Panel Interface Connectors
Cable Glands & Adaptors
Solenoid Valve Connectors
Junction Blocks
Micro DC Connectors

TECHNICAL HEATERS

Electrically-Heated Hoses



TEMPERATURE CONTROLLERS



PROGRAMMABLE LOGIC CONTROLLERS



TOUCH SCREEN OITs



SOLID STATE RELAYS



SWITCHES & PILOT LIGHTS



SWITCHING RELAYS



TIME DELAY RELAYS



TIMERS & COUNTERS

Expert Application Assistance Available

Band Heaters Watlow	Flexible Heaters Thermon Watlow	Monitors, Temperature ATC Dynapar Oakton Watlow	Pressure Controls Dwyer/Love	Switches ASI EE Controls / AEG Idec Sprecher + Schuh
Boiler Heaters Watlow	Flow Controls Dwyer/Love	Motor-Driven Timers ATC Eagle Signal	Probes Oakton Watlow	Super Heaters Watlow Kanthal
Bolt Heaters Watlow	Fuse Holders ASI EE Controls / AEG Sprecher + Schuh	Motor Protection EE Controls / AEG Idec Sprecher + Schuh	Programmable Logic Controllers ATC Idec	Tachometers ATC Dynapar
Cable Heaters Watlow Thermon	Hand-Held Probes Oakton Watlow	Manual Motor Starters EE Controls / AEG Sprecher + Schuh	Protection Tubes Watlow	Teflon Heaters Protec
Cam Timers ATC Eagle Signal	Heat Trace Cable Thermon	Motion Control ASI	Proximity Sensors ATC ASI Dynapar Tenor	Temperature Controllers ATC/Tenor Dwyer/Love Thermon Watlow
Cartridge Heaters Watlow	Heat/Cool Band Heaters Durex	Multi-Cell Heaters Watlow	Radiant Heaters Watlow	Thermocouple Accessories Watlow
Cast-In Heaters Watlow	Heated Hoses Cellex Technical Heaters	Multi-Loop Temperature Controls Dwyer/Love Thermon Watlow	Radiant Sensors Exergen	Thermocouple Calibration Watlow
Ceramic Fiber Heaters Watlow	Heater Elements Watlow Heat and Sensors	OITs Exor R&D Hakko Idec	Ramping Controllers Watlow	Thermocouple Connectors Watlow
Chart Recorders Dwyer/Love	High-Limit Controls Watlow	Over-The-Side Heaters Watlow	Rate Indicators ATC Dynapar Eagle Signal	Thermocouple Meters Oakton
Chemical Heaters Protec	High-Temperature Wire Hoses, Heated Cellex / Thermon Technical Heaters	Panel Components ASI IBOCO Idec Mencom Corporation Sprecher + Schuh	Relays / Control Eagle Signal EE Controls / AEG Idec Sprecher + Schuh Watlow	Thermocouple Wire Watlow
Circuit Breakers EE Controls / AEG Idec Sprecher + Schuh	Hour Meters ATC Dynapar Eagle Signal	Panel Meters ATC Dynapar	Repeat-Cycle Timers ATC Eagle Signal	Thermocouples Watlow
Circulation Heaters Watlow	Immersion Heaters Watlow	Percentage Timers ATC Eagle Signal	Reset Totalizers Veeder-Root	Thermoelectric Modules Ferrotec
Computers, Industrial Exor R&D Nortech Engineering	Industrial Computers Exor R&D Nortech Engineering	Photoelectric Sensors ASI ATC Idec	RTDs Watlow	Thermostats Thermon Watlow
Contactors EE Controls / AEG Idec Sprecher + Schuh	Industrial Displays Exor R&D Hakko Idec	Pipe Insert Heaters Watlow	SCR Controllers Watlow	Thermowells Watlow
Control Panels Applied Thermal Systems Thermon Watlow	Infrared Heaters Watlow	PLCs ATC Idec	Signal Conditioners ASI Calex Dwyer/Love	Time Delay Relays ATC Eagle Signal Idec Sprecher + Schuh
Counters ATC Dynapar Eagle Signal Veeder-Root	Infrared Scanners Exergen	Pneumatic Counters Veeder-Root	Silicone Rubber Heaters Thermon Watlow	Timers ATC Eagle Signal Idec Sprecher + Schuh
Data Acquisition Thermon Watlow	Infrared Sensors Exergen	Pneumatic Totalizers Veeder-Root	Soft Starts Sprecher + Schuh	Totalizers ATC Dynapar Eagle Signal Veeder-Root
Disconnect Switches EE Controls / AEG Sprecher + Schuh	Thermocouples Exergen	Power Supplies ASI EE Controls / AEG Idec Sprecher + Schuh	Speed Controllers Dynapar	Transmitters Dwyer/Love Watlow
Drum Heaters Watlow	Level Sensors/Con- trols Dwyer/Love Dynapar	Predetermining Counters ATC Dynapar Eagle Signal Veeder-Root	SSR Relays Idec Sprecher + Schuh Watlow	Tubular Heaters Watlow
Dry-Well Heaters Watlow	Limit Switches ASI		Stack Lights ATC EE Controls / AEG Idec Sprecher + Schuh	
Duct Heaters Watlow	Load Relays Idec Watlow		Steam Products Cellex Thermon	
Electric Heaters Protec Thermon Watlow	Measuring Wheels Dynapar Veeder-Root		Strip Heaters Thermon Watlow	
Electric Totalizers ATC Eagle Signal Veeder-Root	Mechanical Counters Veeder-Root			
Enclosure Heaters Watlow	Mechanical Totalizers Eagle Signal Veeder-Root			
Encoders Dynapar				