A-SERIES
HIGH PROFILE COMPONENTS

The Ω HTS "A-Series" family of Heat Trace Components is for installation with Ω HTS's Self-Regulating Heating Cables – LXR, MXR & HXR. The components meet NEMA 4 requirements and can be installed in temperatures as low as minus 40 degrees. J-Boxes come pre-drilled to accept a ¾" NPT threaded hub.

Ground-Fault Protection: Global Electric Codes require ground-fault protection of each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. The following electronic heat trace controllers offer electronic ground-fault protection: MS-2101, MS-2102 & MS-10 and/or ground-fault circuit breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD, or QO-EPD and Cutler Hammer Type QBGFEP.

Approvals:

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Class I, Div. 2, Groups A, B, C, D

Class II, Div. 2, Groups E, F, G

Class III

HIGH PROFILE POWER CONNECTION KIT

The Ω HTS ACSX-1 Heat Trace Power Connection Kit is a CSA/(CUS) certified component for installation with Ω HTS's Self-Regulating Heating Cables – LXR, MXR & HXR. The ACSX-1 connects a Ω HTS Heater Cable to power and consists of a pipe mounted Stanchion and a J-Box complete with a DIN rail mounted terminal blocks.

The Stanchion provides excellent mechanical protection for heater cables installed on a pipe and permits application of up to 4" of thermal insulation. The J-Box provides ample room for installers to manipulate the heating cable and power wires. Grounding of the Heating Cable is achieved quickly and easily with no requirements for "pig-tailing" the ground braid. Hot work permits are not required to install the ACSX-1 due to the cold-applied core sealer supplied with the kit.

Specifications

Heating Cables	LXR, MXR, HXR
Enclosure Ingress Protection Rating	NEMA 4X, IP 66
Minimum Installation Temperature	-40°C/-40°F
Maximum Pipe Temperature	260°C/500°F
Maximum/Minimum Conductor Site	22 -8 AWG
Minimum Operating Temperature	-50° C/-60°F
Circuit Breaker Rating (Amps, Max.)	50 A
Maximum Operating Voltage	22 VAC

Ground-Fault Protection: Global Electric Codes require ground-fault protection of each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. The following electronic heat trace controllers offer electronic ground-fault protection: MS-2101, MS-2102 & MS-10 and/or ground-fault circuit breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD, or QO-EPD and Cutler Hammer Type QBGFEP.

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Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups E, F, G
Class III

ACSX-3
POWER TEE/SPLICE KIT

The Ω HTS ACSX-3 Heat Trace Power "Tee/Splice" Connection Kit is a CSA/(CUS) certified component for installation with Ω HTS's Self-Regulating Heating Cables – LXR, MXR & HXR. The ACSX-3 can connect up to (3) Ω HTS Heater Cables to power and/or to be used as an inline Tee or Splice and consists of a larger pipe mounted Stanchion and a J-Box complete with a DIN rail mounted terminal blocks.

The Stanchion provides excellent mechanical protection for heater cables installed on a pipe and permits application of up to 4" of thermal insulation. The J-Box provides ample room for installers to manipulate the heating cable and power wires. Grounding of the Heating Cable is achieved quickly and easily with no requirements for "pig-tailing" the ground braid. Hot work permits are not required to install the ACSX-1 due to the cold-applied core sealer supplied with the kit.

Specifications

Heating Cables	LXR, MXR, HXR
Enclosure Ingress Protection Rating	NEMA 4X, IP 66
Minimum Installation Temperature	-40°C/-40°F
Maximum Pipe Temperature	260°C/500°F
Maximum/Minimum Conductor Site	22 -8 AWG
Minimum Operating Temperature	-50° C/-60°F
Circuit Breaker Rating (Amps, Max.)	50 A
Maximum Operating Voltage	22 VAC

Ground-Fault Protection: Global Electric Codes require ground-fault protection of each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. The following electronic heat trace controllers offer electronic ground-fault protection: MS-2101, MS-2102 & MS-10 and/or ground-fault circuit breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD, or QO-EPD and Cutler Hammer Type QBGFEP.

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Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups E, F, G
Class III

AESX & AESL
HIGH PROFILE END SEAL KITS

The Ω HTS AESX & AESL Heat Trace End Seal Kits are CSA/(CUS) certified components for installation with Ω HTS's Self-Regulating Heating Cables – LXR, MXR & HXR. The AESX provides a high-profile termination to be used with Ω HTS Heater Cables and the AESL provides the same, but with 6 arrays of 8 LED's to be visibly distinct even under bright ambient conditions. Both end seal kits come with pipe mounting hardware.

The Stanchion provides excellent mechanical protection for heater cables installed on a pipe and permits application of up to 4" of thermal insulation. The J-Box provides ample room for installers to manipulate the heating cable and power wires.

Specifications

Heating Cables	LXR, MXR, HXR
Enclosure Ingress Protection Rating	NEMA 4X, IP 66
Minimum Installation Temperature	-40°C/-40°F
Maximum Pipe Temperature	260°C/500°F
Maximum/Minimum Conductor Site	22 -8 AWG
Minimum Operating Temperature	-50° C/-60°F
Circuit Breaker Rating (Amps, Max.)	50 A
Maximum Operating Voltage	22 VAC

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Class I, Div. 2, Groups A, B, C, D

Class II, Div. 2, Groups E, F, G

Class III