

AMIGA

HIGH PROFILE COMPONENTS



*AMIGA-1

AMIGA-3

*AMIGA-LE

*AMIGA-E

The AMIGA family of High Profile Components is for installation with Drexan’s Self-Regulating Heating Cables - PipeGuard Warm, PipeGuard Hot and MultiTrace. The Components meet NEMA 4 requirements and can be installed in temperatures as low as minus 40 degrees. Enclosures come pre-drilled to accept a 3/4” NPT threaded hub.

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and 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 ground-fault breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEF.

APPROVALS



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

* CSA/CUS Certified only

FOR HEATTRACER TECHNICAL ASSISTANCE CALL 1-800-663-6873 (NORTH AMERICA ONLY) OR +1.780.413.1774

AMIGA-1



AMIGA-1 is a CSA/(CUS) certified connection system designed for use with Drexan HeatTracer Self-Regulating PipeGuard Heater Cables.

AMIGA-1 connects a PipeGuard Heater Cable to power and consists of a pipe-mounted Stanchion and an Enclosure (junction box) complete with a DIN rail mounted Terminal Block.

The Stanchion provides excellent mechanical protection for Heater Cable installed on a pipe and permits application of up to 4 inches (102 mm) of thermal insulation. The Enclosure provides ample room for installers to manipulate the Heating Cable.

Grounding of the Heating Cable is achieved quickly and easily with no requirement for “pig-tailing” the ground braid. Hot work permits are not required to install AMIGA-1 due to the Cold-Applied Core Sealer supplied with the kit.

SPECIFICATIONS

HEATING CABLES	PipeGuard Hot (PGH), PipeGuard Warm (PGW), MultiTrace (MT)
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 SIZE	22 - 8 AWG.
MINIMUM OPERATING TEMPERATURE	-50°C/-60°F
CIRCUIT BREAKER RATING (AMPS, MAX.)	50 A
MAXIMUM OPERATING VOLTAGE	277 VAC

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and 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 ground-fault breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEF.



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APPROVALS

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

AMIGA-3



AMIGA-3 is a CSA/UL (CUS) certified connection system designed for use with Drexan HeatTracer PipeGuard Self-Regulating Heating Cables. AMIGA-3 can connect up to 3 heating cables to power or be used as an Inline Splice (no power) or Inline Tee (no power).

The AMIGA-3 system consists of a pipe-mounted Stanchion and an Enclosure (junction box) complete with a DIN rail mounted Terminal Block.

The Stanchion provides excellent mechanical protection for cables installed on a pipe, and permits application of up to 4 inches (102 mm) of thermal insulation. The Enclosure provides ample room in which installers can manipulate heating cables.

Grounding of the heating cables is achieved quickly and easily with no requirement for “pig-tailing” the ground braids. Hot work permits are not required to install AMIGA due to the Cold-Applied Core Sealers provided with the kit.

SPECIFICATIONS

HEATING CABLES	PipeGuard Hot (PGH), PipeGuard Warm (PGW), MultiTrace [®] (MT)
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 SIZE	22 - 8 AWG.
MINIMUM OPERATING TEMPERATURE	-50°C/-60°F
CIRCUIT BREAKER RATING (AMPS, MAX.)	50 A
MAXIMUM OPERATING VOLTAGE	277 VAC

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and 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 ground-fault breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEP.



APPROVALS

Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups E, F, G
Class III
Trace Heating System for HazLoc
PipeGuard Warm and MultiTrace

AMIGA-E



AMIGA-LE



AMIGA End Seals provide a dependable method of terminating PipeGuard Self-Regulating Heating Cables. The End Seal consists of a pipe mounted Stanchion and a Cap which is available in either a lighted or non-lighted version. The AMIGA End Seals are made from high-performance materials which resist impact, high temperature and chemical exposure. The Stanchion provides excellent mechanical protection for cables installed on a pipe and allows for up to 4 inches (102mm) of thermal insulation. The AMIGA-LE is designed with 6 arrays of 8 LED's to be visibly distinct even under bright ambient conditions. Both End Seals come with pipe mounting hardware.

SPECIFICATIONS

ORDERING PART NOS.	AMIGA-E (NON-LIGHTED)	AMIGA-LE (LIGHTED)
HEATING CABLES	PIPEGUARD HOT (PGH), PIPEGUARD WARM (PGW), MULTITRACE (MT)	
INGRESS PROTECTION RATING	NEMA 4X (IP66)	
MINIMUM INSTALLATION TEMP.	-40 F (-40°C)	
MAX. EXPOSURE (PIPE) TEMP.	500 F (260 C)	
OPERATING VOLTAGE	120-277 VOLT	
DIMENSIONS	2.8" X 10.25" (71MM X 260MM)	
MAX. POWER CONSUMPTION	N/A	4 WATTS @ 277V

APPROVALS



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