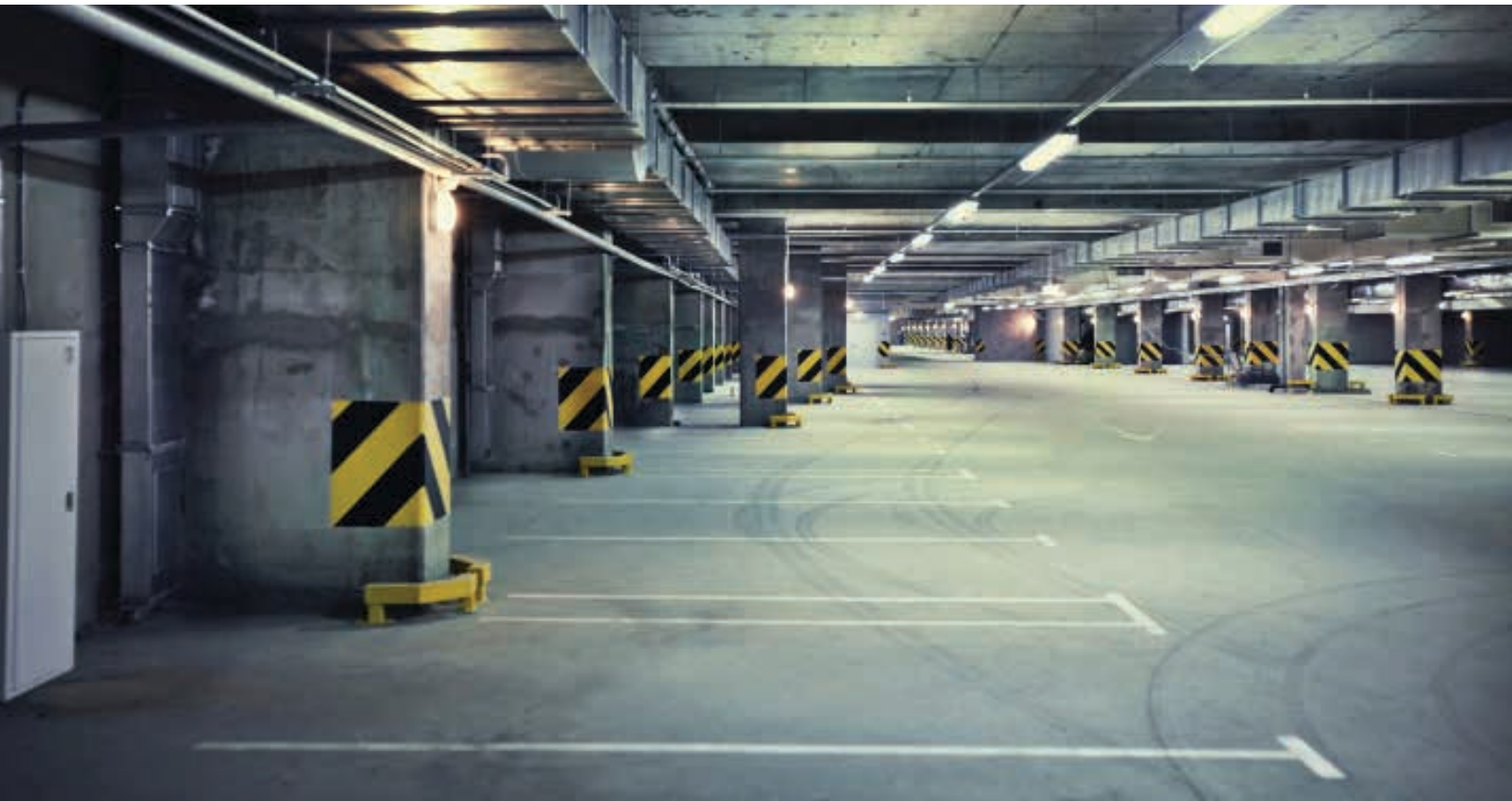


SIMPLE, SAFE FREEZE PROTECTION

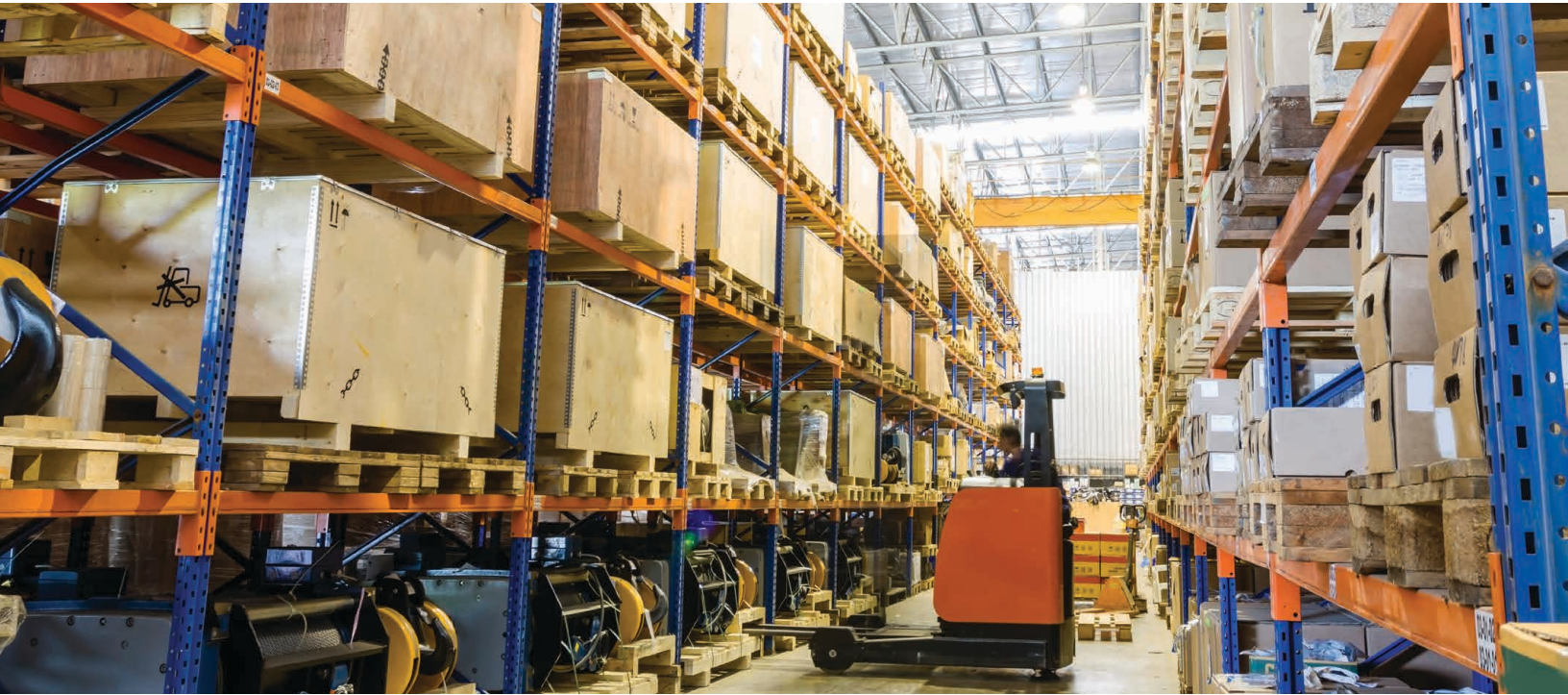


SELF-REGULATING HEATING CABLE FOR FIRE SPRINKLER SYSTEMS

**NELSON
HEAT TRACE**


EMERSON
Industrial Automation

A SIMPLER AND SAFER FREEZE PROTECTION SOLUTION.



Nelson self-regulating electric heat trace cables are now listed and certified for freeze protection from main water lines to sprinkler heads.

Recent NFPA 13 changes have approved self-regulating cables for use with branch sprinkler systems to ensure reliable fire suppression in unheated commercial and industrial facilities.

Nelson freeze protection is inexpensive to run, with virtually no maintenance needed. It also contributes to improved fire safety, since sprinkler systems can respond immediately without the need for antifreeze chemicals.

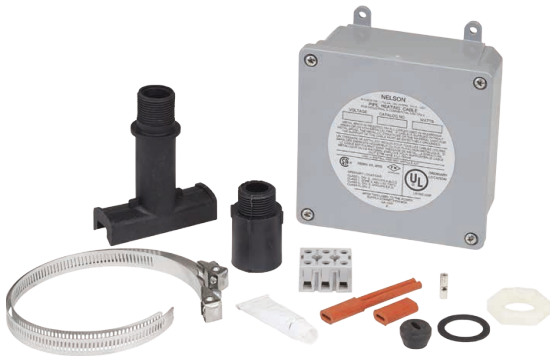
THE COMPLETE FREEZE PROTECTION SYSTEM.

In addition to Heat Trace cables, Nelson also offers connection kits and controllers designed to integrate seamlessly with the freeze protection system.



SELF-REGULATING CABLES

Nelson CLT and LT Series heating cables are available for both 120 and 240 Vac applications, with a choice of power densities to provide freeze protection in ambient temperatures as low as -40°C (-40°F). These cut-to-length cables can be used in wet or dry environments, and the LT Series is also approved for hazardous locations when used with appropriate connection kits.



CONNECTION KITS

A complete selection of connection kits and accessories are available for splicing cables under pipe insulation or in a rugged NEMA 4X enclosure for exceptional weather and corrosion resistance.



MONITORING AND CONTROL

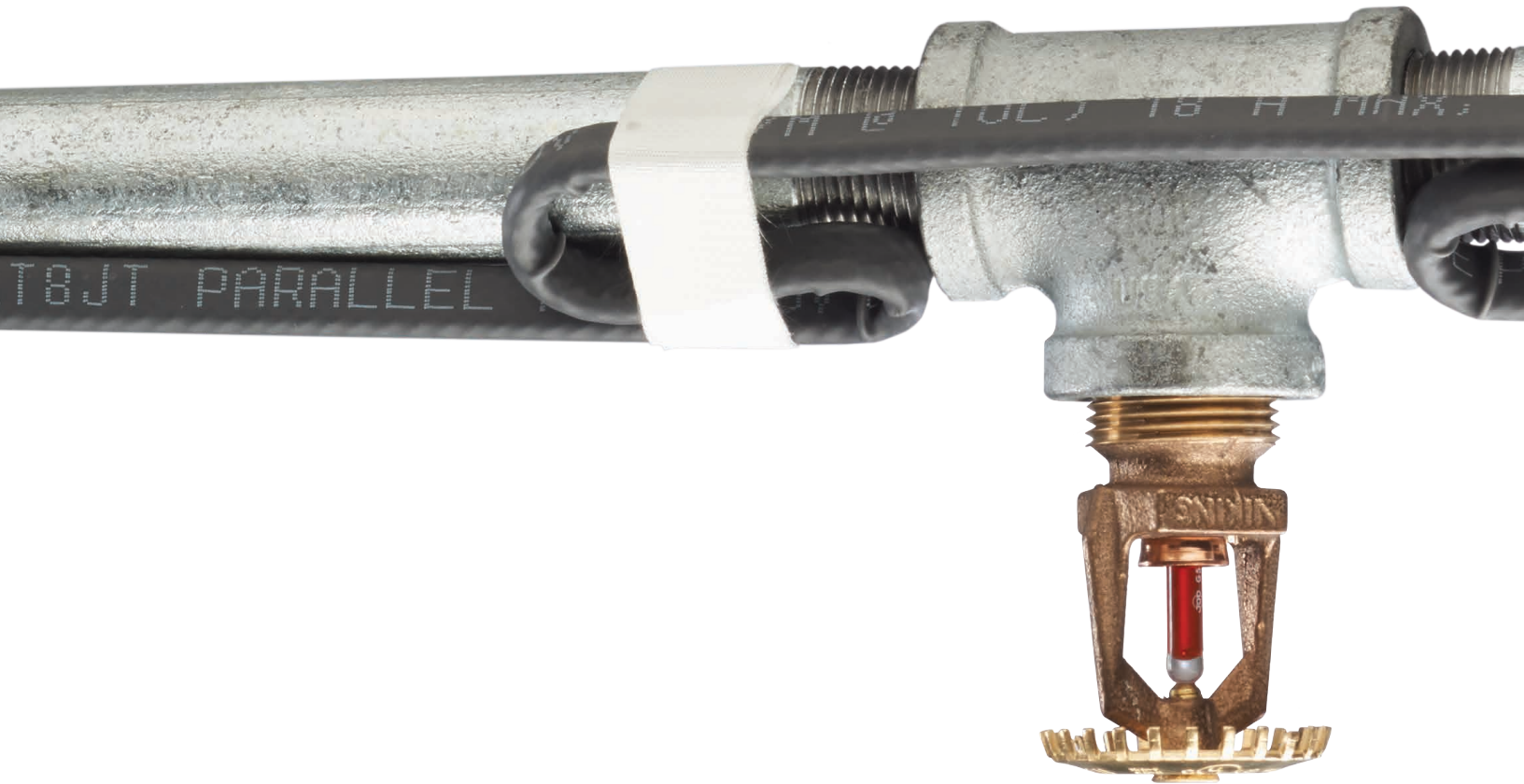
Choose from a range of industrial thermostats, cable monitoring systems and circuit management systems for simple, reliable operation of any heating cable configuration. Nelson offers ordinary and hazardous location controls with approvals and certifications for practically any application.

LESS MAINTENANCE WITH AUTOMATIC, SELF-REGULATING HEAT.

Nelson's fire protection system is ideally suited for garages, warehouses, porticos and other unheated commercial or industrial locations where branch sprinkler systems are used for fire protection.

Once the system is installed, there are no maintenance costs, no chemicals to buy and no need to pay a professional to clear and pressurize dry lines annually. Because the system is always charged with water, there is less risk of corrosion due to trapped moisture and air – and no danger of antifreeze chemicals damaging the system or the environment.

Electricity costs are minimal because Nelson's self-regulating cables and temperature controls apply heat only where and when it is needed.



NO DELAYED RESPONSE AND NO CHEMICALS FOR SAFER, CLEANER FIRE PROTECTION.

Nelson freeze protection overcomes the safety shortcomings of other methods.

SELF-REGULATING HEAT OUTPUT.

Automatically varies heat output as needed, allowing the cable to be overlapped without creating hot spots during operation.

QUICKER RESPONSE.

With dry systems, valves control water flow. As a result, water takes longer to reach the sprinklers from the source. Nelson products ensure that water is immediately available at each sprinkler head in the event of a fire.

CLEANER FOR THE FACILITY.

No antifreeze is needed, eliminating the possibility of chemicals leaking into drains and ground water. If a fire does occur, no chemicals are sprayed on the facility or equipment.



For more information, visit nelsonheaters.com or contact your Nelson distributor.

Operating under Appleton Group, a business unit of Emerson Industrial Automation, Nelson Heat Trace provides a full line of products and expertise for powering, controlling and monitoring pipeline temperatures. Since pioneering the mineral insulated heating cable in 1952, Nelson Heat Trace has continued to research and develop new heating solutions while refining time tested performers. Nelson Heat Trace products provide cost effective, trouble free process maintenance and protection in industrial and hazardous locations around the globe.

Emerson Industrial Automation brings integrated manufacturing solutions to diverse industries worldwide. Our comprehensive product line, extensive experience, world class engineering and global presence enable us to implement solutions that give our customers the competitive edge.

For over 150 years, our electrical product brands have been providing a rich tradition of long term, practical, high quality solutions with applications ranging from the construction and safe operation of petrochemical and process plants to providing quality power that precisely controls automotive robotic production.

Engineers, distributors, contractors, electricians and site maintenance professionals around the world trust Emerson Industrial Automation brands to make electrical installations safer, more productive and more reliable.

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**NELSON
HEAT TRACE**

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Appleton Group is organized into three focused businesses that provide distributors and end users expert knowledge and excellent service.

ELECTRICAL CONSTRUCTION MATERIALS

This group is made up of the Appleton, Nutsteel and O-Z/Gedney brands, offering a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies and industrial and hazardous lighting. Whether the application is hazardous location, industrial or commercial, the electrical construction materials group has the products to meet your needs.

POWER QUALITY SOLUTIONS

The SolaHD brand offers the broadest power quality line, including uninterruptible power supplies, power conditioners, voltage regulators, shielded transformers, surge protection devices and power supplies.

HEATING CABLE SYSTEMS

This group is made up of the EasyHeat and Nelson brands, offering a broad range of electrical heating cable products for residential, commercial and industrial applications.

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