

molex

WOODHEAD WATERTITE WET-LOCATION WIRING SOLUTIONS

Setting the New Standard for Industrial Electrical Safety

Introducing the industry's first fully integrated wiring safety system uniquely designed to protect workers, create a safer workplace and reduce electrical accidents and injuries.



BUSINESS CHALLENGE

According to the Electrical Safety Foundation International (ESFI), the highest percentages of accidental electrical fatalities in the workplace over the period from 2003-2015 occurred in construction, manufacturing, professional and business services, transportation, utilities, agriculture, mining and natural resources.

ESFI, a non-profit organization dedicated to promoting electrical safety, compiles its statistics from data available through the U.S. Bureau of Labor Statistics. In addition to fatal accidents, many more workers across these industries suffer injuries, such as shocks and burns, resulting from electrical hazards on the job. In addition to inflicting suffering on individual victims, accidents have an economic impact on employers, in terms of medical and disability costs and lost productivity.

That's why it's so important for industrial companies to ensure that worksite safety and best practices are put in place and rigorously enforced. Wherever workers are exposed to operations involving

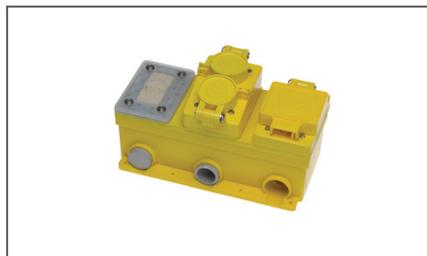
metal surfaces, electrical machinery or power systems, there is risk. Electrical components exposed to moisture,

weather or harsh environments, whether indoors or outdoors, require a watertight connection to eliminate or reduce the risk of electrical shocks, short circuits and electrical fires.

Too often, at construction sites or in manufacturing plants, short-cuts may be taken under time pressure, or the wrong types of wiring and connectors are used, creating serious electrical safety hazards and high risk. The surest way to mitigate the risk is to select components that are proven effective in delivering high value, with the higher level of "always-on" GFCI protection required in these environments.

SOLUTION

Molex offers its Woodhead Watertite Wet-Location Wiring Safety System, the industry's first fully integrated wiring solution specifically designed and built to deliver best-in-class GFCI protection in the toughest, wettest and most abrasive environments. Whether installed at outdoor worksites and venues or indoor industrial plants where processing equipment requires frequent high-pressure washdowns, you can rely on our rugged Watertite matched components for superior performance over the long term.



The Woodhead Watertite Wet-Location Wiring Safety System includes:

- Non-metallic FD (deep depth) single and multiple (single-, two- and 3-gang) Outlet Boxes with closure plugs and reducers. Larger capacity allows for installation flexibility with multiple conduit types. Rigid PVC construction and stainless steel mounting plates provide strength, durability and corrosion resistance.
- GFCI Coverplate Modules and Standard Coverplates support 15.0 and 20.0A applications; 120V. Neoprene gaskets provide maximum watertight protection.
- Cordsets include integrated strain relief.
- Plugs and Connectors provide GFCI protection, as well as temperature, chemical and corrosion resistance. Multiple seal plug/connector interface locks out moisture and other contaminants, withstands high-pressure washdown up to 1,000 psi.
- Receptacles have spring-loaded flip-lid covers with built-in lockout/tagout design. Provides triple-seal protection in wet-location environments.





Typical installation sites for Woodhead Watertite products include:

- Agricultural
- Breweries and bottling plants
- Chemical plants
- Construction sites
- Dairies and food plants
- Meat and poultry processing plants
- Oil and gas refineries
- Power distribution plants
- Public and private utilities
- Transportation sites (airports, train and bus terminals)
- Water and wastewater treatment plants
- Outdoor sports facilities, entertainment and event venues

CUSTOMER BENEFITS

Woodhead Watertite Wet-Location Wiring Solutions by Molex are uniquely designed and engineered to provide the ultimate in GFCI protection. All of the system's matched components meet the highest industry standards for electrical performance, durability and reliability. And, our integrated system approach saves space and provides installation flexibility—at a surprisingly affordable price.

Best of all, our proven Watertite Wiring Safety System can protect workers and help minimize the risk of workplace accidents and injuries due to electrical causes—as well as their associated costs and lost productivity.

For more information about the Woodhead Watertite Wet-Location Wiring Safety System, call your Molex representative today at 1-800-225-7724 or visit www.molex.com/woodhead

To learn more www.molex.com/woodhead

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