
“TRUSTED CONNECTIONS.”



"SUPPLYING POWER WHERE IT'S NEEDED."

The portable equipment used to build, repair, operate or maintain petrochemical plants, marine terminals, cell towers or even petroleum exploration equipment requires secure electrical connections. Achieving this safely requires Appleton plugs and receptacles. For over 100 years, we have given you the power to connect.

Our single-minded goal is safety. We protect your personnel by designing plugs and receptacles with safe, reliable and secure connectivity. We make them watertight, dust ignition proof or explosionproof to keep your facilities as safe as possible. Indeed, many of our receptacles pass the rigorous NEMA 4X requirements. And when you consider that NEMA 3X is the industry standard, you begin to see just what kind of trusted connection you can expect from Appleton.

Whether you need to bring power to a trade show booth, a metal grinder in a shipyard or to an arc welder in the middle of the Gulf of Mexico, Appleton has a plug and receptacle to fit your exact need.

Appleton offers three families of plugs that work in unison with dozens of receptacle designs that make safe electrical connections in commercial, industrial, harsh and hazardous environments. Factor in the different amperage and voltage choices and features of our specialty receptacles, and you have hundreds of options to choose from.

The Powertite® Series, our metallic pin and sleeve offering, is designed to handle moisture, inclement weather, as well as hazardous vapor or dust. Typical applications include cellular communication infrastructure, ship to shore power, oil field equipment and portable equipment used in the petrochemical industry. All aluminum construction ensures durability in these difficult environments. Watertight design provides protection against potential failure or shock hazard.

Our U-Line® blade style devices build out our vast product line. The robust plug design permits portable equipment to be used safely in both hazardous and standard location environments.

Our IEC 309 pin and sleeve product is an economic solution that is great for use in non-hazardous, light industrial applications like warehousing, entertainment, and food processing plants. Locations where a non-metallic solution is preferred.

Whether for general purpose or hazardous locations, our plug and receptacle products are designed to ensure maximum safety for the people who are connecting them.

PLUG AND RECEPTACLE CLASSIFICATIONS

G	General
W	Weatherproof
N3X	NEMA 3X
N4X	NEMA 4X
Cl.II Div.2	Class II Division 2
Cl.II Div.1	Class II Division 1
Cl.I Div.2	Class I Division 2
Cl.I Div.1	Class I Division 1

"APPLETON CONNECTS IN ANY ENVIRONMENT."

Appleton®



POWERTITE®



U-LINE®



IEC 309 PIN AND SLEEVE

POWERTITE® SERIES

Our workhorse line, and the basis for many of our plug and receptacle product systems, is the Powertite® Series. Constructed of non-corrosive, copper-free aluminum, Powertite® plugs and receptacles are built for use in locations where exposure to the elements is inevitable. When certain applications require additional safety precautions, reverse service or contact rotation options are available. Pair it with one of our many receptacles, and the Powertite® plug can create a trusted connection for a hazardous location.



WSR/WSRD/MD2SR INTERLOCKED RECEPTACLES

G W N3X N4X Cl.I Div.2*

Designed for use with Powertite® plugs, these receptacles provide a service outlet for portable equipment in non-hazardous locations like paper processing plants and shipyards. The housing is available in cast aluminum, sheet metal or stainless steel to allow for the optimum choice for a given environment. Special features provide safety and convenience. For example, a worker has the ability to shut off power locally, thereby preventing arcing. Once energized, the plug cannot be accidentally disconnected by a worker.

*Only with the factory sealed MD2SR receptacles.

WSR



WSRD



MD2SR



JBR SERIES RECEPTACLES

W N3X N4X Cl.I Div.1

This Powertite® configuration has an interlocked disconnect switch. It is smaller in size than the competition, making it easier to install. But don't be fooled by its compact size. The JBR Series is explosionproof and rated NEMA 4X.



EBR SERIES RECEPTACLES

W N3X N4X Cl.I Div.1

Based on the JBR design, the EBR series offers overcurrent protection through the use of a circuit breaker that is accommodated by a slightly larger housing. The footprint, however, is still more compact than those of the competition.



DBR SERIES RECEPTACLES

W N3X N4X Cl.II Div.1

With a circuit breaker housed inside, it is designed for hazardous conditions (Class II), and is ideally suited for locations like grain elevators. If hazardous dust is prevalent, rely on the DBR.



Appleton®

U-LINE®/U-LINE® GFCI SERIES

Bringing power to portable electrical devices should not bring hazards along with it. With U-Line® receptacles, you have safety in design and convenience in function. The factory sealed switched receptacle is explosionproof and designed to keep out moisture and dust. A simple twist of the plug produces an audible "click," indicating that the receptacle is energized and the plug cannot be pulled out accidentally. A spring-loaded cap adds additional protection when the plug is disengaged. When operating portable electrically-operated devices in wet conditions, rely on the U-Line® GFCI to meet all of the UL and CSA requirements for ground fault protection in hazardous conditions.



INTRAGROUND® N1 AND N2 SERIES RECEPTACLES

W N4X Cl.I Div.2 Cl.I Div.1

These non-metallic receptacles stand up to extremely corrosive locations like offshore oil rigs. The N1 Series is ideally suited for Division 1 applications, and it will stay dry internally under the toughest conditions. The N2 Series is for Division 2 environments and is factory sealed so no external seals are required.



CPS RECEPTACLES

W N3X Cl.I Div.1

The quick Make/Break feature of these receptacles reduces the potential for arcing. Deeply recessed contacts decrease the danger of accidental touching and safely confine any possible arcing to the interior of the unit.



WATERTIGHT PIN AND SLEEVE

G W N3X N4X

These plugs and receptacles are the standard for non-metallic industrial pin and sleeve devices. The housings are constructed of nylon and high-impact PBT for durability. The entire line is color-coded for quick and easy identification of voltage requirements. Spring-loaded lids and gaskets ensure watertightness in heavy hosedown situations.





EMERSON
Industrial Automation

Appleton is our premium line of industrial electrical products under EGS Electrical Group, a division of Emerson Industrial Automation.

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.

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

Electrical Construction Materials

This group manufactures a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies, and industrial lighting. Whether the application is hazardous location, industrial, or commercial, the ECM group has the products to meet your needs.

Power Quality Solutions

This group offers the broadest power quality line including UPS, power conditioners, voltage regulators, shielded transformers, surge suppression devices and power supplies.

Heating Cable Systems

This group offers a broad range of electrical heating cable products for residential, commercial, and industrial applications.

Electrical Construction Materials

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OZ/GEDNEY

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SOLAHD

Heating Cable Systems

EASYHEAT®

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IEC 309 PIN AND SLEEVE

POWERTITE® SERIES

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WSR/WSRD/MD2SR INTERLOCKED RECEPTACLES

G W N3X N4X Cl.I Div.2*

Designed for use with Powertite® plugs, these receptacles provide a service outlet for portable equipment in non-hazardous locations like paper processing plants and shipyards. The housing is available in cast aluminum, sheet metal or stainless steel to allow for the optimum choice for a given environment. Special features provide safety and convenience. For example, a worker has the ability to shut off power locally, thereby preventing arcing. Once energized, the plug cannot be accidentally disconnected by a worker.

*Only with the factory sealed MD2SR receptacles.

WSR



WSRD



MD2SR



JBR SERIES RECEPTACLES

W N3X N4X Cl.I Div.1

This Powertite® configuration has an interlocked disconnect switch. It is smaller in size than the competition, making it easier to install. But don't be fooled by its compact size. The JBR Series is explosionproof and rated NEMA 4X.



EBR SERIES RECEPTACLES

W N3X N4X Cl.I Div.1

Based on the JBR design, the EBR series offers overcurrent protection through the use of a circuit breaker that is accommodated by a slightly larger housing. The footprint, however, is still more compact than those of the competition.



DBR SERIES RECEPTACLES

W N3X N4X Cl.II Div.1

With a circuit breaker housed inside, it is designed for hazardous conditions (Class II), and is ideally suited for locations like grain elevators. If hazardous dust is prevalent, rely on the DBR.



Appleton®

U-LINE®/U-LINE® GFCI SERIES

Bringing power to portable electrical devices should not bring hazards along with it. With U-Line® receptacles, you have safety in design and convenience in function. The factory sealed switched receptacle is explosionproof and designed to keep out moisture and dust. A simple twist of the plug produces an audible "click," indicating that the receptacle is energized and the plug cannot be pulled out accidentally. A spring-loaded cap adds additional protection when the plug is disengaged. When operating portable electrically-operated devices in wet conditions, rely on the U-Line® GFCI to meet all of the UL and CSA requirements for ground fault protection in hazardous conditions.



INTRAGROUND® N1 AND N2 SERIES RECEPTACLES

W N4X Cl.I Div.2 Cl.I Div.1

These non-metallic receptacles stand up to extremely corrosive locations like offshore oil rigs. The N1 Series is ideally suited for Division 1 applications, and it will stay dry internally under the toughest conditions. The N2 Series is for Division 2 environments and is factory sealed so no external seals are required.



CPS RECEPTACLES

W N3X Cl.I Div.1

The quick Make/Break feature of these receptacles reduces the potential for arcing. Deeply recessed contacts decrease the danger of accidental touching and safely confine any possible arcing to the interior of the unit.



WATERTIGHT PIN AND SLEEVE

G W N3X N4X

These plugs and receptacles are the standard for non-metallic industrial pin and sleeve devices. The housings are constructed of nylon and high-impact PBT for durability. The entire line is color-coded for quick and easy identification of voltage requirements. Spring-loaded lids and gaskets ensure watertightness in heavy hosedown situations.





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