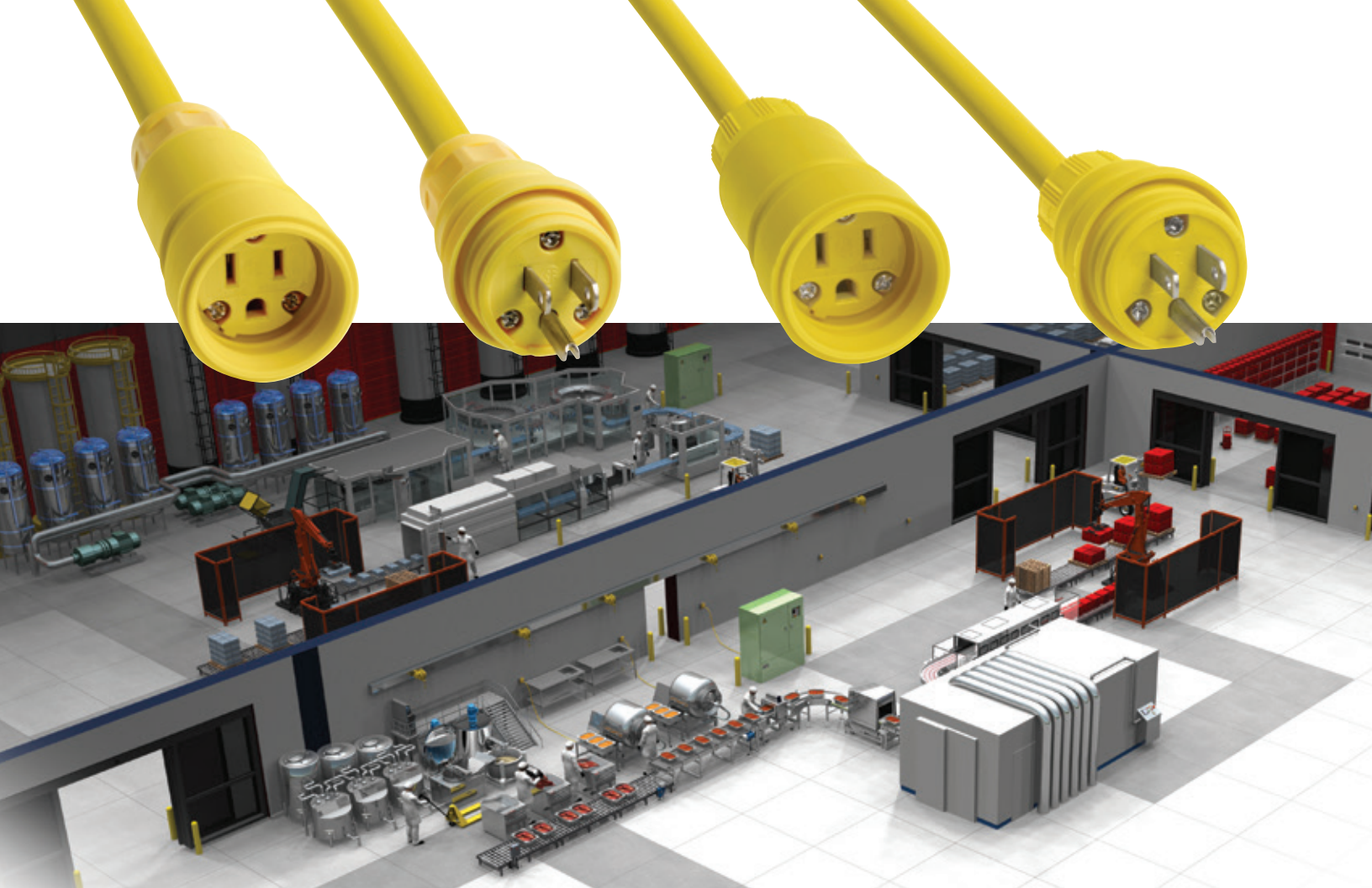


WOODHEAD WATERTITE EXTREME WET LOCATION WIRING DEVICES

The Original Watertite Sets a New Standard



molex

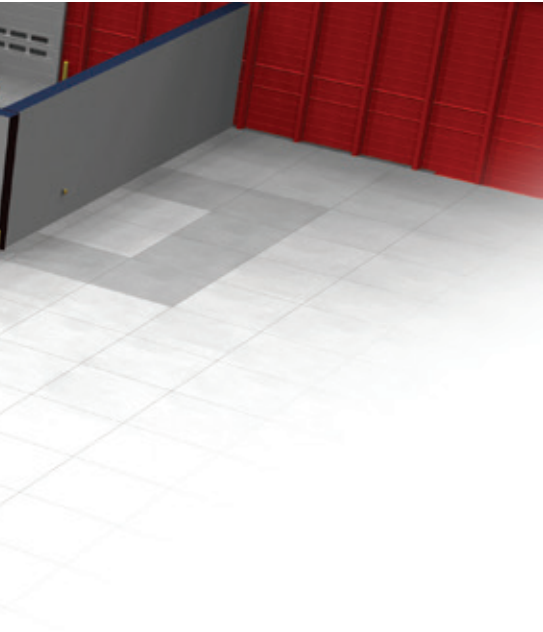


Woodhead wiring devices are known for leadership in wet-location wiring devices.

The new Woodhead Extreme Watertite wet-location wiring devices reset the standard for the roughest, wettest and most abrasive environments.

Built to perform in extreme conditions and the harshest environments, Woodhead Extreme Watertite Wiring Devices from Molex help to increase worker safety and productivity by providing:

- **Superior seal against water and contaminant penetration in submersion and washdown conditions**
- **Continuous, trouble-free operation in wet locations**
- **Resistance to corrosive elements and impact**
- **Code compliance**



Woodhead Watertite Extreme Wiring Devices Exceed Industry Standards



FDA Compliant Material — FDA Compliant Material per CFR 21.177.2600 (Rubber articles intended for repeated use)*



NSF Certified — NSF International has been helping businesses in the agriculture, processing, food equipment, restaurant and retail industries to navigate the food safety and regulatory environment for nearly 70 years.



Antimicrobial — Advanced Vulcanized Silicone Rubber tested to JIS Z 2801 / ISO 22196 and shown to be effective to inhibit the growth of bacteria.



UL Listed — UL is a global independent safety science company with more than a century of expertise innovating safety solutions and is dedicated to promoting safe living and working environments.



CSA Certified — CSA International found that representative samples of this product met CSA's published Standards for Safety intended for the Canadian market.



IP69K Rated — Superior water ingress protection designed for the most extreme wash down procedures, withstanding hot and high pressure water, in addition to excessively dusty environments.

*It is also important to note that while our Advanced Vulcanized Silicone Rubber may be made from an FDA compliant material recognized as safe for repeated use in food manufacture, preparation and transportation, the final determination of the finished assemblies' appropriateness and suitability in a specific environment or application is the responsibility of the end-use customer.



Food processing environments require high-performance solutions that keep workers safe and production lines running. The new Woodhead Watertite Extreme Wiring Solution is a game-changer for harsh, wet environments. Featuring a new Advanced Vulcanized Silicone Rubber husk and IP69K rating, the Watertite Extreme Wiring Device repels and inhibits bacterial growth and is ideal for any indoor or outdoor wet location.



Woodhead Watertite Extreme



15W47

14W47

Woodhead Watertite Extreme Wiring Devices

As the pioneer of wet-location wiring device solutions with Watertite products for over 90 years, Woodhead has expanded its unique position of a rubber offering to include advanced material designs to match the specific application needs of a wide-ranging customer base.

Woodhead's NEW Advanced Vulcanized Silicone Rubber husk repels and inhibits bacterial growth, and is ideal for any indoor or outdoor wet location.



Features and Advantages

Watertite Extreme Performance

Anti-microbial material

- The unique Advanced Vulcanized Silicone Rubber husk inhibits bacterial growth

Exceptional durability

- Advanced Vulcanized Silicone Rubber material consistently outperforms other wiring device jacket materials used in the market

Wide-ranging regulatory compliance

- FDA Certified Material
- NSF Certified
- UL Listed
- CSA Certified
- UV Stable

Superior sealing properties

- Maintains flexibility and sealing qualities in extreme temperatures, demonstrated by IP67, IP69K, NEMA Type 4X and 6P ratings

Markets and Applications

Both design and material quality make Woodhead Watertite Wiring Devices essential for environments with extreme conditions, such as:

- Food and Beverage
- Construction Sites
- Outdoor Concerts
- Amusement Parks
- Disaster Relief



Food and Beverage Processing



Construction Sites

Woodhead Watertite Extreme Wiring Devices

molex

Antimicrobial Material

Advanced Vulcanized Silicone Rubber husk inhibits bacterial growth

3-Piece Cord Grip

Provides advanced pullout protection

Multiple Seal Plug/ Connector Interface

Keeps out contaminants; resists vapor and water, including 2000psi washdown

Rubber Grommet

Optimum wedge angle provides a superior seal and highest attainable gripping force

Compression Nut

Achieves maximum torque simply by hand tightening

Color-Coded Terminal Screws

Preset in the open position, ready to wire

Floating Blade Construction

Provides self-alignment, and a better mechanical and electrical connection minimizing wear and heat generation

Compression Ring

Secures liquid-tight seal and helps maintain maximum compression force

Patented Cable Glove Seal

Ensures seamless connection to cordset with no opportunity for ingress



Woodhead Watertite Extreme Wiring Devices

Plugs and Connectors

molex

Specifications

REFERENCE INFORMATION

UL File No.: Plug and Connector – E10176
 CSA File No: LR6837
 NSF File No.: NSF/ANSI/3-A 14159-1

PHYSICAL

Plug Blades and Connector Contacts:
 Nickel-Plated Brass
 Housing: Vulcanized Silicone Rubber
 Face Screws: Stainless Steel
 Face Insert: Nylon
 Wire Saddle Clamp: Brass

ENVIRONMENTAL

NEMA Rating: Type 1, 2, 3, 4, 4X, 5, 6, 6P and 12
 IEC Rating: IP55, 56, 57, 65, 66, 67 and 69K
 Operating Temperature: Maximum Continuous 105°C,
 minimum 40°C (no impact)
 Temperature Rise: Maximum 30°C temperature rise at full rated current after
 50 cycles of overload at 150% of rated current at a power factor of 75%.



Ordering Information

Poles	NEMA Configuration		Voltage/Current	Plug		Connector	
				Woodhead No.	Order No.	Woodhead No.	Order No.
2-Pole/2-Wire	1-15		15A/125V	14W04	1301460012	15W04	1301460048
	1-15		15A/125V	14W19	1301460021	—	—
	L1-15		15A/125V	24W04	1301460077	25W04	1301460090
	L2-20		20A/250V	26W07	1301460108	27W07	1301460110
2-Pole/3-Wire	5-15		15A/125V	14W47	1301460031	15W47	1301460060
	L5-15		15A/125V	24W47	1301460082	25W47	1301460099
	6-15		15A/250V	14W49	1301460044	15W49	1301460074
	L6-15		15A/250V	24W49	1301460088	25W49	1301460106
	7-15		15A/277V	14W34	1301460028	15W34	1301460059
	L7-15		15A/277V	24W34	1301460079	25W34	1301460095
	5-20		20A/125V	14W33	1301460022	15W33	1301460052
	6-20		20A/250V	14W48	1301460040	15W48	1301460068
3-Pole/3-Wire	Non-NEMA		15A/125V 10A/250V	14W07	1301460015	15W07	1301460050
	Non-NEMA Locking		15A/125V 10A/250V	24W07	1301460078	25W07	1301460092

Woodhead Watertite Wet-Location Wiring Devices

Grommets



Listed below and indicated by • are the cord bushings (grommets) normally supplied with Watertite devices.

Other diameters are available if larger or smaller diameter grommets are required.



Ordering Information

½" Cord Grip — F2 Body Size

Cord Diameter	Color	14W04/ 15W04	14W07/ 15W07	14W19	14W33/ 15W33	14W34/ 15W34	14W47/ 15W47	14W48/ 15W48	14W49/ 15W49	24W07/ 25W07	24W34/ 25W34	24W47/ 25W47	24W49/ 25W49	26W07/ 27W07	Woodhead No.	Order No.
0.062-0.125"	Black														00-4978	1301800405
0.125-0.187"	Yellow														00-4970	1301800401
0.187-0.250"	Orange														00-4971	1301800402
0.250-0.312"	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	00-4972	1301800403
0.312-0.375"	Gray	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5263	1301800286
0.375-0.437"	Green	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5264	1301800287
0.437-0.500"	Orange														00-4975	1301800404
0.500-0.562"	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5266	1301800288
0.562-0.625"	Gray	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5267	1301800289



Uptime is crucial in the highly competitive oil and gas industry, and hazardous conditions can put workers' safety at risk and impede production. Engineered from Advanced Vulcanized Rubber, the Woodhead Watertite Extreme Petrochemical Grade wiring solution provides the Oil and Gas industry with ultimate resistance to impact, heat, weather and petrochemicals such as diesel fuel and other corrosive oils.



Woodhead Watertite Extreme Petrochemical Grade



15W47-P

14W47-P

Woodhead Watertite Extreme Wiring Devices

As the pioneer of wet-location wiring device solutions with Watertite products for over 90 years, Woodhead has expanded its unique position of a rubber offering to include advanced material designs to match the specific application needs of a wide-ranging customer base.

The new Woodhead Watertite Wiring Devices are the only devices engineered from Advanced Vulcanized Rubber, which provides the ultimate resistance to impact, heat, weather and chemicals such as diesel fuel and other corrosive oils.

Woodhead's Oil Resistant Vulcanized Rubber compound is uniquely suited to withstand chemical abuse and exposure in the petrochemical environment.



Features and Advantages

Watertite Petrochemical

Severe chemical resistance

- Woodhead's Oil Resistant Vulcanized NBR/PVC Rubber compound is uniquely suited to withstand chemical abuse and exposure in the petrochemical environment

Exceptional durability

- Vulcanized NBR/PVC Rubber material consistently outperforms other wiring device jacket materials used in the market

Wide-ranging regulatory compliance

- NSF Certified
- UL Listed
- CSA Certified

Superior sealing properties

- Maintains flexibility and sealing qualities in extreme temperatures, demonstrated by IP67, IP69K, NEMA Type 4X and 6P ratings

Markets and Applications

Each design and material quality make Woodhead Watertite Wiring Devices essential for environments with extreme conditions such as:

- Petrochemical Facilities
- Oil and Gas



Petrochemical Facilities



Oil and Gas

Woodhead Watertite Extreme Wiring Devices

molex

Severe Chemical Resistance

Oil Resistant Vulcanized NBR/PVC Rubber compound is suited to withstand chemical abuse and exposure

3-Piece Cord Grip

Provides advanced pullout protection

Multiple Seal Plug/ Connector Interface

Keeps out contaminants; resists vapor and water including 2000psi washdown

Rubber Grommet

Optimum wedge angle provides a superior seal and highest attainable gripping force

Compression Nut

Achieves maximum torque simply by hand tightening

Color-Coded Terminal Screws

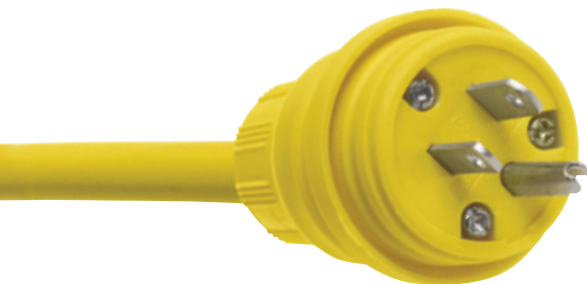
Preset in the open position, ready to wire

Floating Blade Construction

Provides self-alignment, and a better mechanical and electrical connection minimizing wear and heat generation

Compression Ring

Secures liquid-tight seal and helps maintain maximum compression force



Woodhead Watertite Extreme Wiring Devices

Plugs and Connectors

molex

Specifications

REFERENCE INFORMATION

UL File No.: Plug and Connector – E10176
 CSA File No.: LR6837
 NSF File No.: NSF/ANSI/3-A 14159-1

PHYSICAL

Plug Blades and Connector Contacts:
 Nickel-Plated Brass
 Housing: Oil Resistant Vulcanized
 NBR/PVC Rubber
 Face Screws: Stainless Steel
 Face Insert: Nylon
 Wire Saddle Clamp: Brass

ENVIRONMENTAL

NEMA Rating: Type 1, 2, 3, 4, 4X, 5, 6, 6P and 12
 IEC Rating: IP55, 56, 57, 65, 66, 67 and 69K
 Operating Temperature: Maximum Continuous 105°C,
 minimum 40°C (no impact)
 Temperature Rise: Maximum 30°C temperature rise at full rated current after
 50 cycles of overload at 150% of rated current at a power factor of 75%.



Ordering Information

Poles	NEMA Configuration		Voltage/Current	Plug		Connector	
				Woodhead No.	Order No.	Woodhead No.	Order No.
2-Pole/2-Wire	1-15		15A/125V	14W04-P	1301460179	15W04-P	1301460191
	1-15		15A/125V	14W19-P	1301460181	—	—
	L1-15		15A/125V	24W04-P	1301460205	25W04-P	1301460212
	L2-20		20A/250V	26W07-P	1301460224	27W07-P	1301460225
2-Pole/3-Wire	5-15		15A/125V	14W47-P	1301460185	15W47-P	1301460197
	L5-15		15A/125V	24W47-P	1301460209	25W47-P	1301460219
	6-15		15A/250V	14W49-P	1301460189	15W49-P	1301460203
	L6-15		15A/250V	24W49-P	1301460211	25W49-P	1301460222
	7-15		15A/277V	14W34-P	1301460184	15W34-P	1301460196
	L7-15		15A/277V	24W34-P	1301460207	25W34-P	1301460216
	5-20		20A/125V	14W33-P	1301460182	15W33-P	1301460193
	6-20		20A/250V	14W48-P	1301460187	15W48-P	1301460200
3-Pole/3-Wire	Non-NEMA		15A/125V 10A/250V	14W07-P	1301460180	15W07-P	1301460192
	Non-NEMA Locking		15A/125V 10A/250V	24W07-P	1301460206	25W07-P	1301460214

Woodhead Watertite Wet-Location Wiring Devices

Grommets



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Ordering Information

½" Cord Grip — F2 Body Size

Cord Diameter	Color	14W04/ 15W04	14W07/ 15W07	14W19	14W33/ 15W33	14W34/ 15W34	14W47/ 15W47	14W48/ 15W48	14W49/ 15W49	24W07/ 25W07	24W34/ 25W34	24W47/ 25W47	24W49/ 25W49	26W07/ 27W07	Woodhead No.	Order No.
0.062-0.125"	Black														00-4978	1301800405
0.125-0.187"	Yellow														00-4970	1301800401
0.187-0.250"	Orange														00-4971	1301800402
0.250-0.312"	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	00-4972	1301800403
0.312-0.375"	Gray	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5263	1301800286
0.375-0.437"	Green	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5264	1301800287
0.437-0.500"	Orange														00-4975	1301800404
0.500-0.562"	Black	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5266	1301800288
0.562-0.625"	Gray	•	•	•	•	•	•	•	•	•	•	•	•	•	00-5267	1301800289

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