

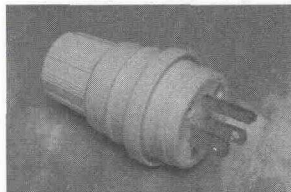


**CALL YOUR WOODHEAD
REPRESENTATIVE TODAY!**

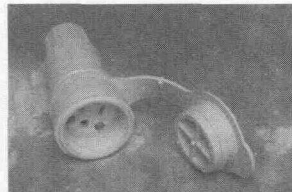
SEE PAGES 2-7



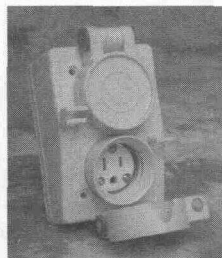
WATERTITE® RUBBER DEVICES



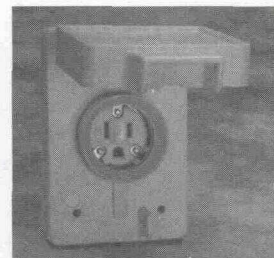
WATERTITE® PLUG



WATERTITE® CONNECTOR



**WATERTITE® DUPLEX
COVERPLATE**



**WATERTITE® FLIP LID
WITH FEMALE RECEPTACLE**

Face View	NEMA Configuration	Amps/Volts	Plug ¹	Connector ¹	Duplex Coverplate With Female Receptacle	Single Coverplate With Female Receptacle
2-POLE/2-WIRE						
	1-15	15A/125V	14W04/14W19²	15W04	60W04DPLX	60W04
	L1-15	15A/125V	24W04	25W04	65W04DPLX	65W04
	L2-20	20A/250V	26W07	27W07	67W07DPLX	67W07
2-POLE/3-WIRE						
	5-15	15A/125V	14W47	15W47	60W47DPLX	60W47
	L5-15	15A/125V	24W47	25W47	65W47DPLX	65W47
	6-15	15A/250V	14W49	15W49	60W49DPLX	60W49
	L6-15	15A/250V	24W49	25W49	65W49DPLX	65W49
	7-15	15A/277V	14W34	15W34	60W34DPLX	60W34
	L7-15	15A/277V	24W34	25W34	65W34DPLX	65W34
	5-20	20A/125V	14W33	15W33	60W33DPLX	60W33
	L5-20	20A/125V	26W47	27W47	—	67W47
	6-20	20A/250V	14W48	15W48	60W48DPLX	60W48
	L6-20	20A/250V	26W48	27W48	—	67W48
	L7-20	20A/277V	26W49	27W49	—	67W49
	L5-30	30A/125V	28W47	29W47	—	69W47
	L6-30	30A/250V	28W48	29W48	—	69W48
	L7-30	30A/277V	28W49	29W49	—	69W49

¹For cable range and proper cord specifications, see pages 168–170.

²Available with in-line GFI, just add "IN" suffix to part number.

⁴Polarized

For dimensional information, see pages 117–118.

For extra-hard outdoor use, order Watertite® devices in UV resistant black. Add "BLK" to the end of the Woodhead number.

Note: 12 gauge GFCI cordsets are SJOW.

Your Source For the Industry's Most Comprehensive Line of Top-Performing Wiring Devices



Want the facts about wiring devices? Talk to experts who work in some of the toughest manufacturing environments imaginable. Ask MRO managers, responsible for keeping sensitive electronic equipment up and running despite wet and corrosive conditions. Consult with construction engineers and architects about wiring devices that stand up to abuse on the job; indoors and out. Check into hospitals and laboratories where an added margin of safety is absolutely critical.

When you want the facts about wiring devices, ask the professionals who use them. Time and time again, they'll tell you the one company to count on for durable, dependable performance: Daniel Woodhead.

Watertite® Rubber Wiring Devices *Industry's Standard for Reliable Protection in Wet and Abusive Environments.* When conditions demand reliable, moisture-resistant performance, U.L. Listed and tested Watertite® plugs and connectors offer the ultimate solution. Our patented multiple seal and rugged NEOTEX® Paracril OZO rubber construction can withstand up to 1000 psi of hosedown and provides a tight seal against oil, water, moisture, steam, dirt, dust, and other contaminants.

When properly mated, Watertite® devices form an enclosure that meets the requirements of NEMA Type 1, 3, 4, 4X, 5, 6, 6P, 12, as well as IP55, IP56, IP57, IP65, IP66, and IP67. **The fact is, no other company offers a rubber wiring device that meets U.L. listed and tested ratings for wet locations in all of these areas.**

In wet and abusive environments, depend on Watertite® devices to deliver power longer, more reliably, and with an added margin of safety.

Super-Safeway® Rubber Wiring Devices *Built to Endure Rigorous, Abrasive Industrial Conditions.* With their tough NEOTEX Paracril OZO rubber housing, Super-Safeway plugs and connectors perform longer and more reliably under the most rugged conditions – including industrial oils – than devices formed of ETPR thermoplastic. They are the ideal solution for applications where continuous impact, abrasion and other conditions are an everyday occurrence.

For durable, dependable service in settings where the ultimate protection of a Watertite® device is not required, Super-Safeway wiring devices are the answer.

Safeway® Nylon Wiring Devices *Dependable, Cost-Effective Performance in Industrial and OEM Settings.* Constructed in the Woodhead tradition to withstand the punishment of everyday use and provide long, continuous service, Safeway nylon plugs and connectors are an exceptionally cost-effective solution for industrial applications.

Safeway duplex receptacles in specification- and hospital-grade versions are designed for easy wiring and long operating life.

Just Ask

In addition to the standard Watertite®, Super-Safeway and Safeway wiring devices featured in this catalog, many variations are possible for applications where specific conditions, including chemical interaction, temperature extremes and U.V. resistance, are a concern.

For assistance with your application needs, contact your local Daniel Woodhead representative.





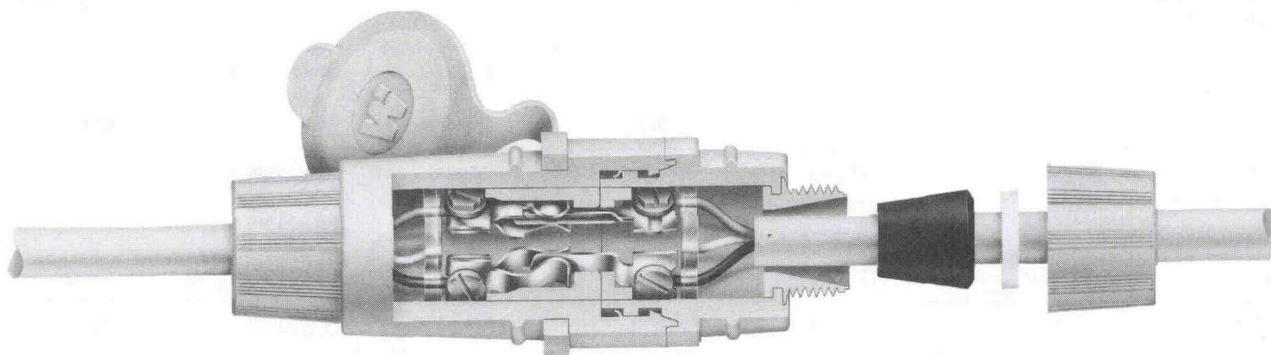
WATERTITE® WIRING DEVICES

INDUSTRY'S STANDARD FOR RELIABLE PROTECTION IN WET AND ABUSIVE ENVIRONMENTS

More than four decades ago, Daniel Woodhead Company pioneered the water-resistant product category. Today our Watertite® line continues to be the standard by which others are measured. Some manufacturers make comparisons between their products and the extensive Watertite® line. But the fact is, devices rated simply for “casual submersion” fall short of the true water-resistance of a Watertite® wiring device.

When properly mated with corresponding connectors, Watertite® devices form an enclosure that meets the requirements of NEMA Type 4, 4X, 6 and 6P, IP65, 66 and 67, and can resist high-pressure hose-down up to 1,000 psi. Traditionally, Safety Yellow® Watertite® devices have taken on the roughest, wettest, most abrasive conditions. Nowadays, Watertite® devices have a role to play in entertainment and broadcast settings, often specified in black.

- Unique integral multiple ring seal that locks snugly, protecting against moisture and contaminants. Boot-type seals can gap when stepped on. But a Watertite® seal is built to maintain weather-resistant integrity despite the most abusive conditions.
- NEOTEX® rubber construction, engineered to resist heat, weather, oil and chemicals. Available in yellow and UV resistant black.
- Sturdy compression-type cord grip that provides 205 lbs. of pull-out strength.
- Protective closure cap that seal the connector when it's not in use.
- Devices provided with three or four grommets. (see page 108)
- Electrical ratings for these configurations are AC/DC, unless specifically stated “AC” or “DC”.

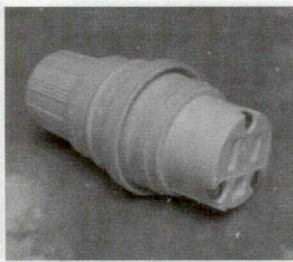




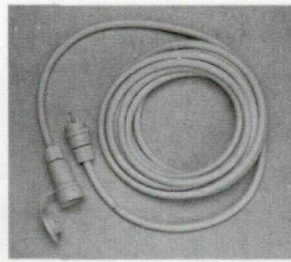
WATERTITE® RUBBER DEVICES



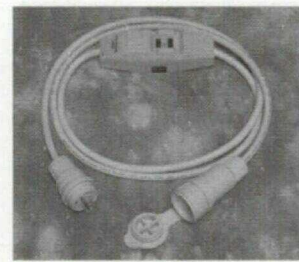
**WATERTITE® FLIP LID
WITH MALE RECEPTACLE**



**WATERTITE® FEMALE
CONNECTOR FOR FLIP LID
WITH MALE RECEPTACLE**



WATERTITE® CORDSET

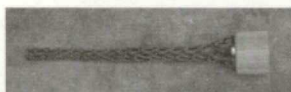


**WATERTITE® CORDSET WITH
IN-LINE GFCI**

Single Coverplate With Male Receptacle	Female Connector for Flip Lid With Male Receptacle	16-Gauge SOW Cordset ²	14-Gauge SOW Cordset ²	12-Gauge SOW Cordset ²	10-Gauge SOW Cordset ²	Cord Grip/ Body Size ³
59W04	15W04MB	14W04□162	14W04□142	—	—	F2
64W04	25W04MB	24W04□162	24W04□142	—	—	F2
66W07	27W07MB	—	26W07□142	26W07□122	—	F2
59W47	15W47MB	14W47□163	14W47□143 ³	—	—	F2
64W47	25W47MB	24W47□163	24W47□143 ³	—	—	F2
59W49	15W49MB	14W49□163	14W49□143	—	—	F2
64W49	25W49MB	24W49□163	24W49□143	—	—	F2
59W34	15W34MB	14W34□163	14W34□143	—	—	F2
64W34	25W34MB	24W34□163	24W34□143	—	—	F2
59W33	15W33MB	—	14W33□143 ³	14W33□123 ³	—	F2
66W47	27W47MB	—	26W47□143 ³	26W47□123 ³	—	F3
59W48	15W48MB	—	14W48□143	14W48□123	—	F2
66W48	27W48MB	—	26W48□143	26W48□123	—	F3
66W49	27W49MB	—	26W49□143	26W49□123	—	F3
68W47	29W47MB	—	—	28W47□123	28W47□103	F4
68W48	29W48MB	—	—	28W48□123	28W48□103	F4
68W49	29W49MB	—	—	28W49□123	28W49□103	F4

¹When selecting cordset lengths, replace the box within the Woodhead number with an "A" for 25ft., "B" for 50ft., and a "D" for 100ft. Example: 14W47□163 becomes 14W47A163.

²Reference provided for proper sizing of metallic and non-metallic wire mesh and additional grommets as shown on page 108.



Stainless steel or non-metallic mesh
available. For mesh and other
accessories, see pages 218–226.



**CALL YOUR WOODHEAD
REPRESENTATIVE TODAY!**

SEE PAGES 2-7



TECHNICAL REFERENCE

TERMINAL IDENTIFICATION

Most Woodhead plugs, connectors, and receptacles are standard NEMA configurations. As such, standard terminal identification is used to incorporate these devices in the wiring system.

Terminal	Letter Designation	Description	Conductor
Green	G	Grounding terminal	Green, Green w/Yellow Stripe
White	W	Grounded terminal	White or Gray
X, Y, Z	X, Y, Z	Hot terminals	Black, Red, Blue, Etc. ¹

¹There is no standard that matches color to letters. Once a correlation is chosen, it should be used consistently.

ELECTRICAL RATING CHANGE ON NON-NEMA DEVICES

Several years ago, Underwriters Laboratories was approached by a manufacturer with a request to list some non-NEMA configuration wiring devices, Woodhead's 2608, 2609, 2808 and 2809 configurations, in particular. U.L. agreed to list them only if they were marked for a single voltage and current.

Because of the variety of applications, U.L. proceeded to take a survey on the different uses in the field. They determined that the majority are used in non-grounding applications. The following information was established:

2608, 2708, 26T08, 27T08, 26W08 and 27W08 – 20A 125/250V 3-Pole 3-Wire
2609, 2709, 26T09, 27T09, 26W09 and 27W09 – 20A 120/208V 4-Pole 4-Wire
2808, 2908, 28T08, 29T08, 28W08 and 29W08 – 30A 125/250V 3-Pole 3-Wire
2809, 2909, 28T09, 29T09, 28W09 and 29W09 – 30A 120/208V 4-Pole 4-Wire

Since Daniel Woodhead Company decided to mark the non-NEMA plugs and connectors with a single voltage and current rating, we have received many inquiries as to whether these devices are still suitable at their old ratings.

The rating change was a “paperwork” change only. Although they now have a single rating, these devices are certainly functional and can be used within the limitations of the old ratings.

These configurations are for replacement use only in existing facilities. Use of these devices falls under “premise control” where the user determines at what voltage these devices are to be used within the building.

We changed our ratings when it was clear that the majority of other manufacturers were changing theirs, and having a different rating than everyone else would only add to the confusion.

CORD RANGE

Dimensional Reference Information	Cord Range Inch(cm)
WATERTITE® DEVICES	
F2	.062 – .625(0.2 – 1.6)
F3	.187 – .812(0.5 – 2.1)
F4	.437 – 1.10(1.1 – 2.8)
F5	.875 – 1.375(2.2 – 3.5)
SUPER-SAFEWAY®, SAFEWAY® DEVICES	
2	.300 – .675(0.8 – 1.7)
3	.325 – .840(0.8 – 2.1)
4	.425 – 1.150(1.1 – 2.9)

Note: See chart on page 108 for standard grommets.