

Straight Blade and Turnlok® Plugs & Connectors

14W SERIES, 15W SERIES, 24W SERIES, 25W SERIES, 26W SERIES, 27W SERIES, 28W SERIES, 29W SERIES

SteriGuard™ Antimicrobial Wiring Solutions provide excellent protection against the growth of microbes on all surfaces. Independent testing proves the ability of these devices to inhibit the growth of *Escherichia coli*, Gram (-) and *Staphylococcus aureus*, Gram (+) providing long-lasting benefits to manufacturers' beyond conventional cleaning methods.

Rated watertight for 1,500 psi high-pressure hosedown, these plugs and connectors feature multiple seals to ensure protection against the environment. SteriGuard provides a cost-effective way to add additional safety precautions and unequaled assurance that every feasible step has been taken in the interest of consumer protection.



Features & Benefits



- **Antimicrobial additive additives** embedded in Polymer inhibits growth of bacteria, molds, mildews, and fungi.
- **Antimicrobial additive resistant to scuffing and cleaning.**
- **Independently tested and certified to JIS Z2801.**
- **Thermoplastic elastomer body construction** stands up to impacts, oils, heat, and weather.
- **Large ribs on body** for a superior grip when mating.
- **Quick-drive assembly screws** allow fast installation, saving time and money.
- **NEMA 4, 4X, 6, 6P Watertight. IP65, 66, 67.** Rated watertight for 1,500 psi high pressure hose-down.
- **Terminal screws backed-out, ready-to-wire,** saving time and money during installation.
- **Multipoint sealing system between plug and connector** ensures protection from water and contaminants.

- **Valox compression-type cord grip** provides watertight seal and great pull out strength.
- **Nickel-plated blades and contacts** for long-lasting, superior corrosion resistance.

Antimicrobial Reductions

- **Escherichia (E. Coli):** Log Reduction > 4.8, reduces surface bacteria by > 99.99%
- **Staphylococcus (Staph), MRSA:** Log Reduction > 3.9, reduces surface bacteria by > 99.98%
- **Listeria monocytogenes:** Log Reduction > 4.3, reduces surface bacteria by > 99.99%
- **Salmonella:** Log Reduction > 3.6, reduces surface bacteria by > 99.97%

Compliance



UL Listed, Standard UL498 (Plug/Connector). CSA Certified, Standard CSA C22.2 No. 42. Conforms to NEMA WD-1, WD-6 and ANSI standards. NSF certification.

Technical Information

Performance

Electrical

Dielectric Withstand Voltage	
Connectors:	2000V AC if rated 300V or less 3000V AC if rated above 300V
Plugs:	2500V AC if rated 300V or less 3500V AC if rated above 300V
Maximum Working Voltage	As marked
Current Interrupting	Rated for current interruption per UL498
Temperature Rise	30°C maximum per UL498 at rated current

Mechanical

Cord & Terminal Accommodations:	
Plugs & Connectors:	
15A & 20A Straight Blade and 15A locking	Type S, SO, ST, SJ, SJO, SJT, 18/3 to 12/3, .300 min. to .625 in. max [7.6 to 15.9mm] dia.
20A & 30A 3-wire locking	12/3 SJ, 14/3 S to 10/3 S, (.475" to .720") [12.1mm to 19.2mm]
20A 4-wire locking	14/4 S to 10/4 S, (.560" to .775") [14.2mm to 19.9mm]
30A 4-wire locking	12/4 S to 8/4 S, 6/4 MSHA (.640" to .930") [16.3mm to 23.6mm]
All 15A & 20A straight blade	18 AWG to 12 AWG
20A locking & 30A 3-wire	14 AWG to 10 AWG
30A 4-wire	12 AWG to 6 AWG

Environmental

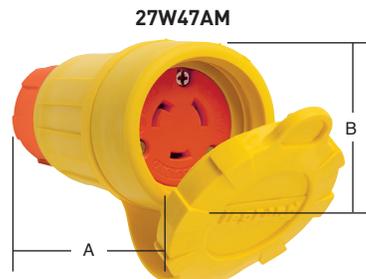
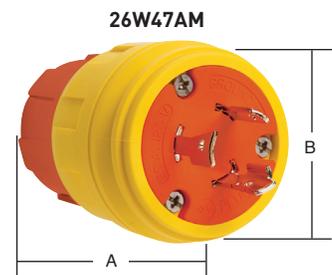
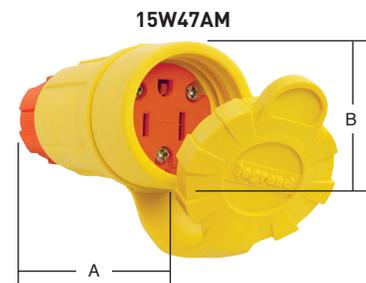
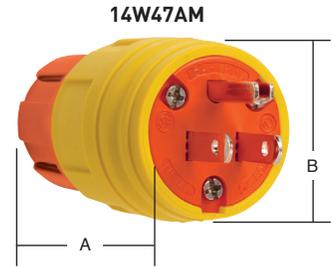
Moisture Resistance	NEMA 4, 4X, 12, 6, 6P/IP65, 66, 67 (Plug & Connector only)
Flammability	UL94V0 (boxes & wiring device interiors)
Operating Temperature	-40°C (without impact) to +60°C continuous
UV resistance	All exposed materials are UV stabilized

Materials – Plug/Connector

Body/Contact Carrier	PBT Thermoplastic, Yellow
Terminal Retainer	Polycarbonate, Clear
Housing	Thermoplastic Elastomer, Yellow
Housing Insert	Polypropylene, Natural
Strain Relief Nut	PBT Thermoplastic, Black
Grommet	Thermoplastic Elastomer, Various Colors
Ferrule	Polypropylene, Natural
Blades/Contacts	Brass, Nickel
Terminal Screws	Steel, Chromate
Terminal Screw Size	#8-32
Body Holding Screws	Stainless Steel
Drive Screws	Steel, Chromate

Warranty

1 Year

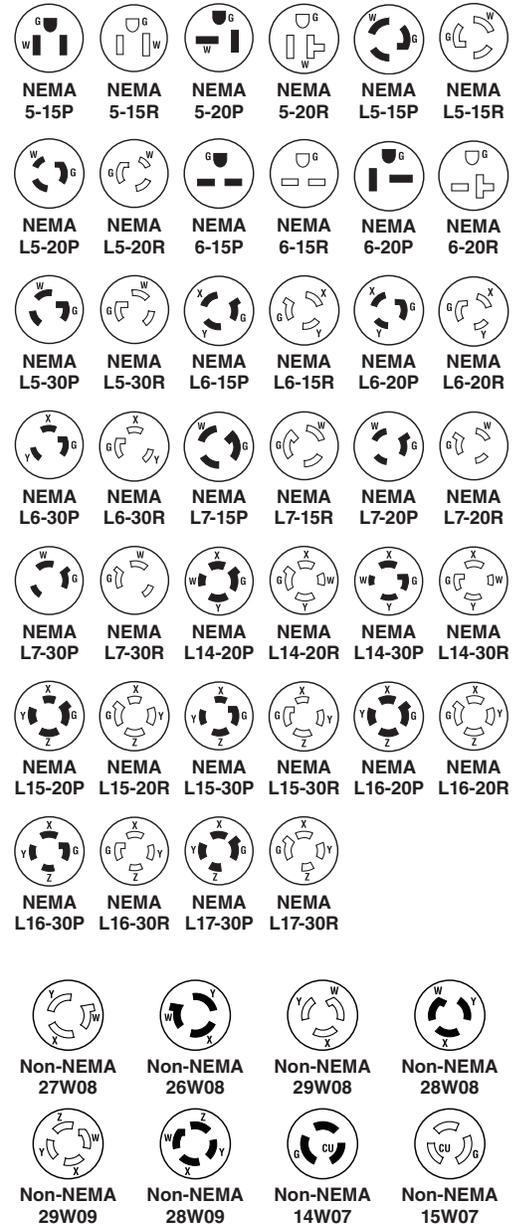


(Inches)	A	B
Watertight Plug		
15A	2.62"	1.85"
20A	2.62"	1.85"
30A	3.10"	2.35"
Watertight Connector		
15A	4.03"	1.85"
20A	4.03"	1.85"
30A	4.75"	2.35"

Ordering Information

SteriGuard™ Straight Blade & Turnlok® Watertight Plugs & Connectors

Catalog Number	Rating		Description	NEMA Config No.
	A.	V.		
14W47AM	15	125	Plug, Yellow, NEMA 4X/6P	5-15P
15W47AM	15	125	Connector, Yellow, NEMA 4X/6P	5-15R
14W33AM	20	125	Plug, Yellow, NEMA 4X/6P	5-20P
15W33AM	20	125	Connector, Yellow, NEMA 4X/6P	5-20R
14W49AM	15	250	Plug, Yellow, NEMA 4X/6P	6-15P
15W49AM	15	250	Connector, Yellow, NEMA 4X/6P	6-15R
14W48AM	20	250	Plug, Yellow, NEMA 4X/6P	6-20P
15W48AM	20	250	Connector, Yellow, NEMA 4X/6P	6-20R
14W07AM	15/10	125/250	Plug, Yellow, NEMA 4X/6P	NON
15W07AM	15/10	125/250	Connector, Yellow, NEMA 4X/6P	NON
24W47AM	15	125	Plug, Yellow, NEMA 4X/6P	L5-15P
25W47AM	15	125	Connector, Yellow, NEMA 4X/6P	L5-15R
26W47AM	20	125	Plug, Yellow, NEMA 4X/6P	L5-20P
27W47AM	20	125	Connector, Yellow, NEMA 4X/6P	L5-20R
28W47AM	30	125	Plug, Yellow, NEMA 4X/6P	L5-30P
29W47AM	30	125	Connector, Yellow, NEMA 4X/6P	L5-30R
24W49AM	15	250	Plug, Yellow, NEMA 4X/6P	L6-15P
25W49AM	15	250	Connector, Yellow, NEMA 4X/6P	L6-15R
26W48AM	20	250	Plug, Yellow, NEMA 4X/6P	L6-20P
27W48AM	20	250	Connector, Yellow, NEMA 4X/6P	L6-20R
28W48AM	30	250	Plug, Yellow, NEMA 4X/6P	L6-30P
29W48AM	30	250	Connector, Yellow, NEMA 4X/6P	L6-30R
24W34AM	15	277	Plug, Yellow, NEMA 4X/6P	L7-15P
25W34AM	15	277	Connector, Yellow, NEMA 4X/6P	L7-15R
26W49AM	20	277	Plug, Yellow, NEMA 4X/6P	L7-20P
27W49AM	20	277	Connector, Yellow, NEMA 4X/6P	L7-20R
28W49AM	30	277	Plug, Yellow, NEMA 4X/6P	L7-30P
29W49AM	30	277	Connector, Yellow, NEMA 4X/6P	L7-30R
26W74AM	20	125/250	Plug, Yellow, NEMA 4X/6P	L14-20P
27W74AM	20	125/250	Connector, Yellow, NEMA 4X/6P	L14-20R
28W74AM	30	125/250	Plug, Yellow, NEMA 4X/6P	L14-30P
29W74AM	30	125/250	Connector, Yellow, NEMA 4X/6P	L14-30R
26W75AM	20	3Ø250	Plug, Yellow, NEMA 4X/6P	L15-20P
27W75AM	20	3Ø250	Connector, Yellow, NEMA 4X/6P	L15-20R
28W75AM	30	3Ø250	Plug, Yellow, NEMA 4X/6P	L15-30P
29W75AM	30	3Ø250	Connector, Yellow, NEMA 4X/6P	L15-30R
26W76AM	20	3Ø480	Plug, Yellow, NEMA 4X/6P	L16-20P
27W76AM	20	3Ø480	Connector, Yellow, NEMA 4X/6P	L16-20R
28W76AM	30	3Ø480	Plug, Yellow, NEMA 4X/6P	L16-30P
29W76AM	30	3Ø480	Connector, Yellow, NEMA 4X/6P	L16-30R
28W77AM	30	3ØY 600	Plug, Yellow, NEMA 4X/6P	L17-30P
29W77AM	30	3ØY 600	Connector, Yellow, NEMA 4X/6P	L17-30R
26W08AM	20	125/250	Plug, Yellow, NEMA 4X/6P	NON
27W08AM	20	125/250	Connector, Yellow, NEMA 4X/6P	NON
28W08AM	30	125/250	Plug, Yellow, NEMA 4X/6P	NON
29W08AM	30	125/250	Connector, Yellow, NEMA 4X/6P	NON
28W09AM	30	3ØY 120/208	Plug, Yellow, NEMA 4X/6P	NON
29W09AM	30	3ØY 120/208	Connector, Yellow, NEMA 4X/6P	NON



Watertight Accessories

Catalog Number	Description
PS15WTAM	Female Watertight Cap 15/20A Straight Blade & 15A Locking Devices
PS27WTAM	Female Watertight Cap 20A Locking Devices
PS29WTAM	Female Watertight Cap 30A Locking Devices
PS14WTAM	Male Watertight Cap 15/20A Straight Blade & 15A Locking Devices

SteriGuard™ Antimicrobial Wiring Devices are ideal for a wide range of applications including:

- Poultry Processing
- Seafood Processing
- Meat Processing
- Pharmaceutical Processing
- Food Packaging
- Food Preparation
- Agriculture
- Beverage Processing
- Health Care

Also available...

- Mechanical Interlocks
- Flexcor® Wire Mesh Grips
- Turnlok® Locking Devices
- Portable GFCI
- IEC 309 Industrial Products
- Straight Blade Plugs & Connectors
- Ground Continuity Monitoring (GCM)

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