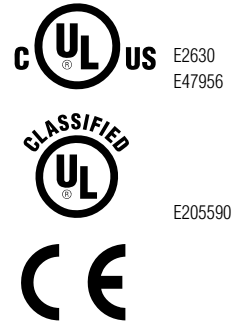


Russellstoll®

UniGard™ Pin & Sleeve IEC Connector



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**Beverage
Plants**



**Construction
Sites**



**Food
Processing**



**Marine and
Shipboard**



**Pulp &
Paper Mills**



**Chemical
Plants**

Safety, Performance and Durability... In A Snap!

Extensive Product Family

- Safe and reliable, portable electrical connections.
- Wide variety of Plugs, Connectors, Receptacles, Inlets and Mounting Boxes.
- Watertight (IP67) and Splashproof (IP44) versions available.
- 20, 30, 60 and 100 Amp ratings for small, medium or large current loads.
- CULus Listed for North American ratings.
- UL classified to IEC309-1 and IEC309-2 for North American and International ratings.
- Complete interchangeability with all manufacturers' IEC309-1 and IEC309-2 devices.
- Meets IEC309 global configurations for safety in industrial applications.

Watertight

- Watertight design and construction meet stringent IP67 internal protection standards.
- Rugged thermoplastic housings resist impact or abuse and provide excellent corrosion resistance.
- Unique Thomas & Betts strain relief grip and sealing system assure superior cable retention and watertight conductor termination.
- Ideal for outdoor, wet, marine and washdown applications.
- Unique 75% faster assembly with EZ Klik™ handle locking, and EZ Tite™ cable grip system.

Splashproof

- Suitable for indoor use where splashing liquids and other contaminants may interfere with electrical connections.
- Ideal for most heavy commercial applications and light industrial applications.
- Available in 20 and 30 Amp ratings.

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UniGard™ Safety, Performance and Durability

EZ Klik™ locking mechanism



Self-Aligning Solid Contacts –

- Self-aligning Nickel plated full-round pins and sleeves for maximum cool contact area.
- Sleeve pressure rings ensure constant surface contact force.
- Nickel plating offers maximum corrosion for any use.

Screw Collars Stay Put –

Turreted grip allows for easy handling.

The Easy Way –

EZ Klik™ locking feature on all 20/30A plugs and connectors.

75% Faster Cable Builds – EZ TITE™ System

- One-piece cable gland.
- Nylon locking screw prevents loosening.
- EZ hand assembly of cable gland, Grip Tite™ 6-Finger clamp and onion-ring bushing.



Safe Connections Standard –

Ground contacts make first, break last for safe connections even under load.

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Combination Flap/Screw Cover –

- Integral neoprene gasket for IP67 Watertight protection.
- Standard flap cover for IP44 Splashproof protection.
- Unique flex hinge design.

Neoprene Cable Bushing –

- Onion ring design.
- Universal fit capability.

Solid Neoprene Gasket In Handle

Grip Tite™ 6-Finger Clamp –

Provides superior cable retention.

Secure Grip Handle –

- Tapered shoulder (20/30A).
- Ribbed (60/100A).

Raised Ground Terminal –

Ensures safe connections every time.

Fast and Easy Wiring –

- Unique, one-way terminal access.
- Clearly marked terminal connections.

Double Secure Wiring –

- Dual, combination point terminal screws for failsafe connections.



Standard Interface / World Ready Full International Compliances –

EN60309

UL Classification to IEC309-1 and IEC309-2.
CULus Listing: UL1682/1686 and CSA C22.2 No. 182.1.

CE conforms to EC Low Voltage Directive.
North American and Global Voltage

Polarization “clock positions” available in all standard ratings.

Solid, Safe Voltage Selections –

One-Piece contact carriers with Full-Color IEC standard voltage-phasing Coding ensures correct product application every time.

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The UniGard™ Difference

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Features

No Tools, No Screws Necessary

- EZ Klik™ locking handle saves 75% on assembly time.
- Unique EZ Klik™ assembly feature on 20 and 30 Amp plugs and connectors makes installation and inspection fast and reliable.
- Captured gaskets in handles seal out water, chemicals and dust.

Easy Action Single-Wiring Point Access Saves Time Wiring

- All terminal screws face in same direction allowing installer to make safe and secure conductor terminations in 30% less time than other devices.
- Rugged, corrosion free thermoplastic housings are color-coded for safe and reliable connections to all other mating type/polarizations, with raised ground terminal standard.

Simple Cable Clamping

- Threaded EZ Tite™ cable gland on 20 and 30 Amp devices makes assembly fast and easy.
- One-piece lock screw verifies clamp locking hold, with no external metal contact possible. (20 and 30 Amp devices)

Unique Fast Assembly

- One-piece EZ Tite™ cable gland with locking screw loads to cable followed by Grip Tite™ 6-Finger cable clamp/grip piece.
- Watertight onion ring bushing fits a wide variety of outside diameters.

Watertight and Grip Tite™ Safety

- Grip Tite™ flexible 6-finger clamp teeth holds well beyond all agency test pullout forces.
- No internal clamps required.
- Available in all amperages.

The Performance Connection

- Watertight spring-loaded covers with high-strength flex-hinge screw covers on IP67 devices.
- Flap covers on IP44 splashproof styles.
- Safety, performance and durability for all IEC309 applications worldwide.

Thomas & Betts