

## MaxGard® Interconnection Systems

30A–400A (30–200A Load Breaking), Maximum 600VAC/250VDC  
Receptacles, Inlets, Plugs, Connectors, Interlocked Receptacles, Explosion-Proof Interlocked Receptacles



### Safety

- **Different power supply ratings can't mix:** 24 single-rate device polarizations ensure exact voltage, frequency and phase differentiation
- **Safe connections:** Safely connect and disconnect, even in the most extreme conditions such as heavy industrial and explosion-proof environments
- **Added safety measures:** Explosion-proof rating on all plugs
- **Plugs stay in:** Standard delayed-action pull-and-turn withdrawal offers all plugs an explosion-proof rating
- **Waterproof construction:** Standard O-ringed interior components provide environmental separation; watertight mated or unmated

### Durability

- **Built for durability:** Rugged cast aluminum housings with an electrostatic epoxy coating are standard, along with stainless steel hardware
- **The best connections for life:** Pins and sleeves are made from Marine-grade CDA 485 brass; 200- and 400-amp pins and sleeves are silver plated

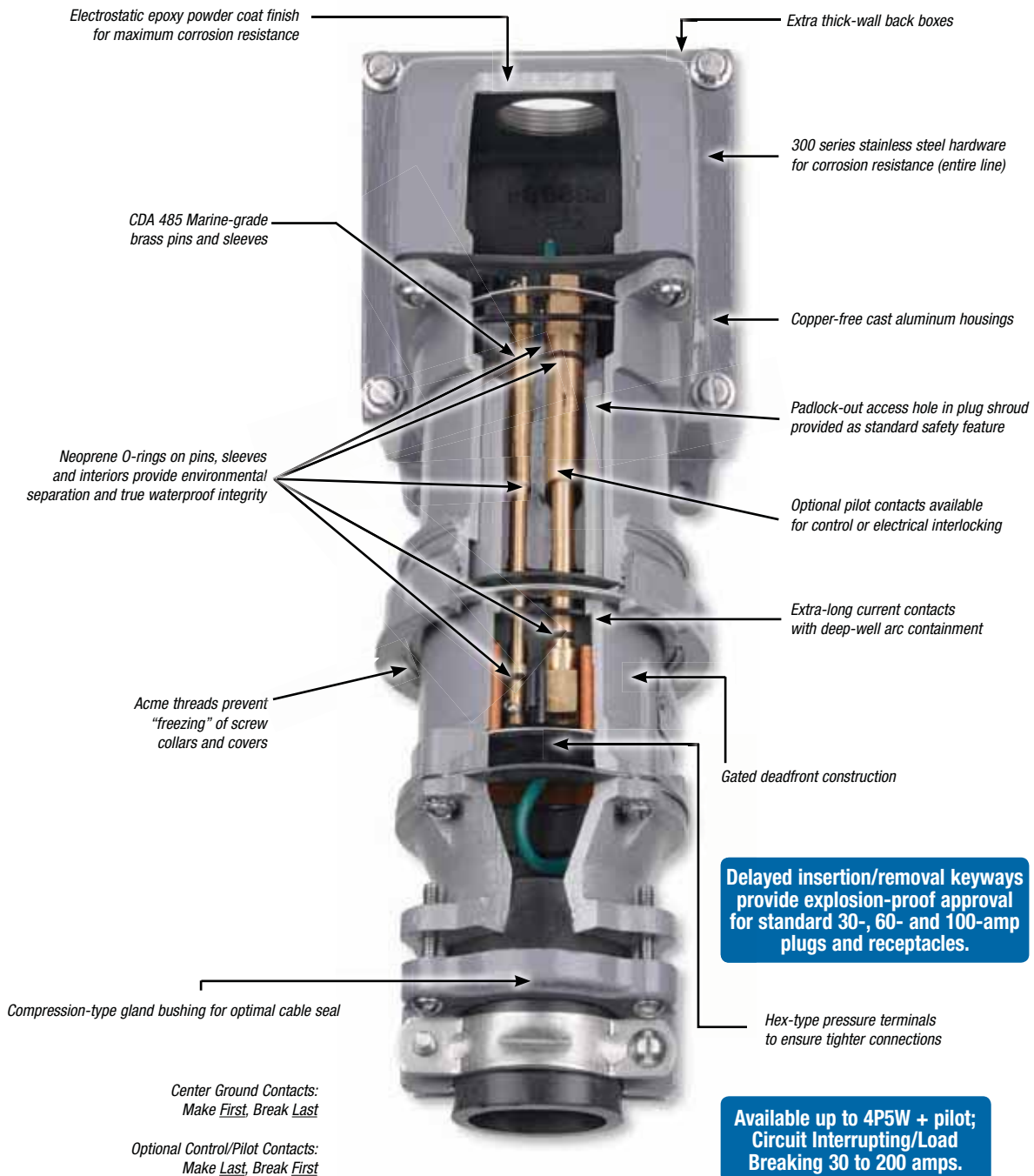
### Performance

- **Foreign objects stay out:** All receptacles and connectors have a gated rotating disk (gated deadfront) on the face of the interior, which engages upon insertion
- **Any configuration you need:** Through 4-pole 5-wire configurations, all have a safety center earth ground pin design that makes first and breaks last
- **Ease of assembly:** Solderless pressure-type screw terminals with hex socket heads and rear-access, take-apart housings provide quick wiring access — no interior removal required for wiring receptacles and connectors
- **More control available:** Two optional pilot/control pins for contactors, load monitoring circuit, shunt trip or any other communication function you need
- **More power:** 150% non UL® rating enables MaxGard® installations to be extended up to 600-amp custom loads with separate disconnect service

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### Plug and Receptacle with Angle Adapter and Junction Box



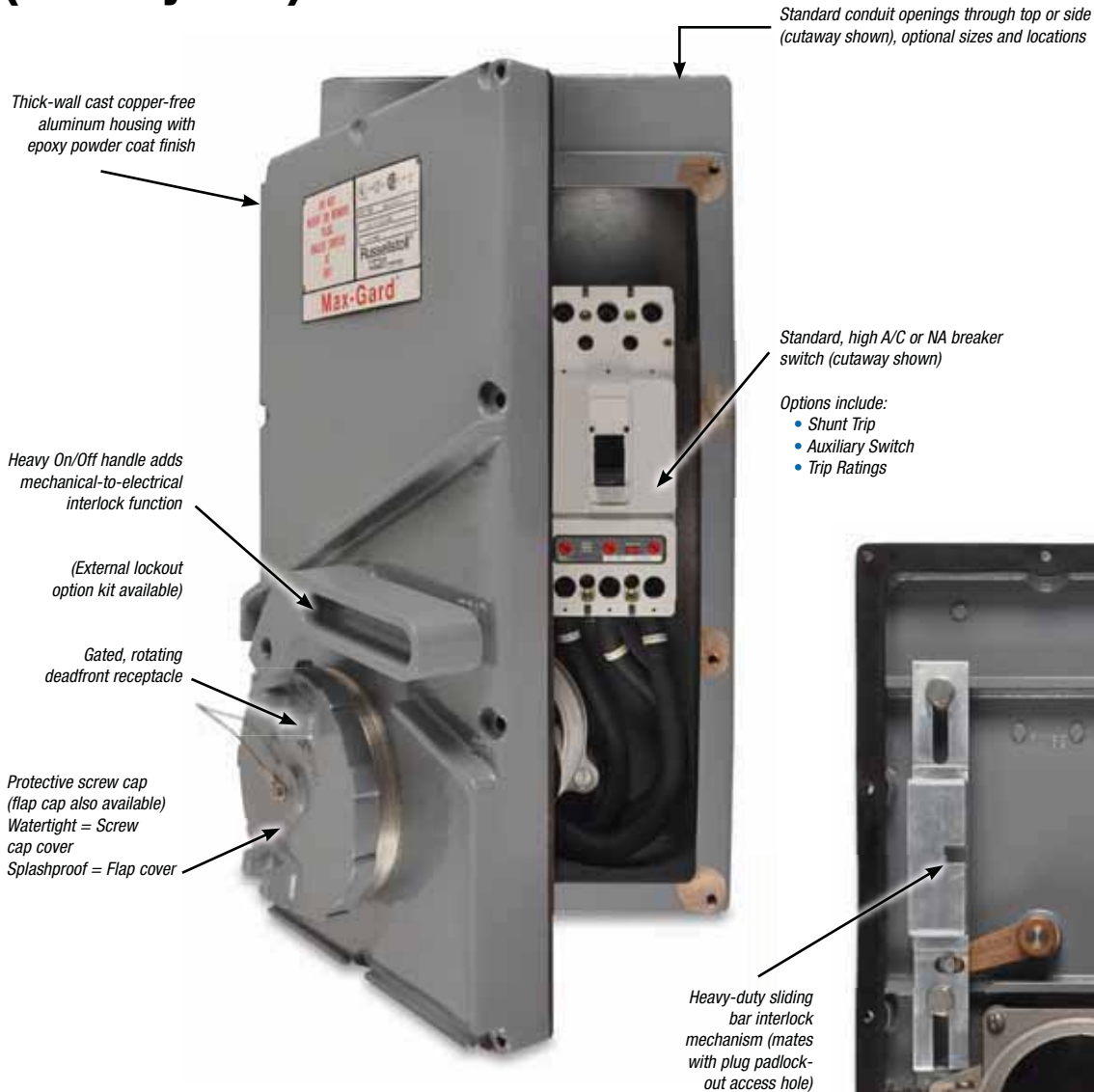
Russellstoll® Pin and Sleeve Power Connectors

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### Cast Aluminum Circuit Breaker Interlocked Receptacle (Cutaway View)

Russellstoll® Pin and Sleeve Power Connectors



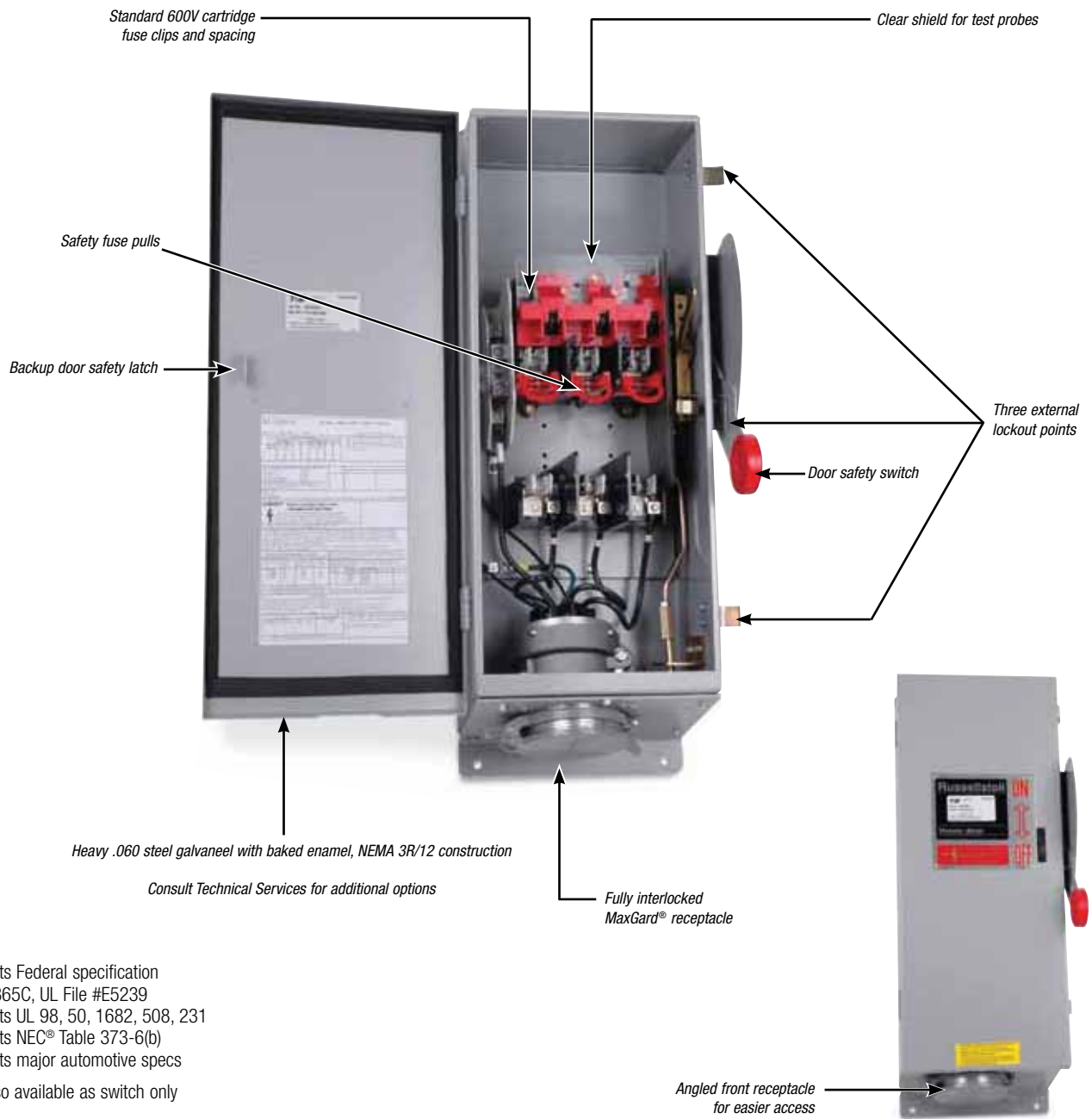
**NEMA 4X interlocks available in 30–400-amp ranges through 4P5W, with 2 optional pilot/control contacts.**

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### Fused-Disconnect Switch\* Interlocked Receptacle

Available in 30-, 60- and 100-amp sizes, all polarizations through 600VAC.



Meets Federal specification  
 WS865C, UL File #E5239  
 Meets UL 98, 50, 1682, 508, 231  
 Meets NEC® Table 373-6(b)  
 Meets major automotive specs

\* Also available as switch only

Russellstoll® Pin and Sleeve Power Connectors

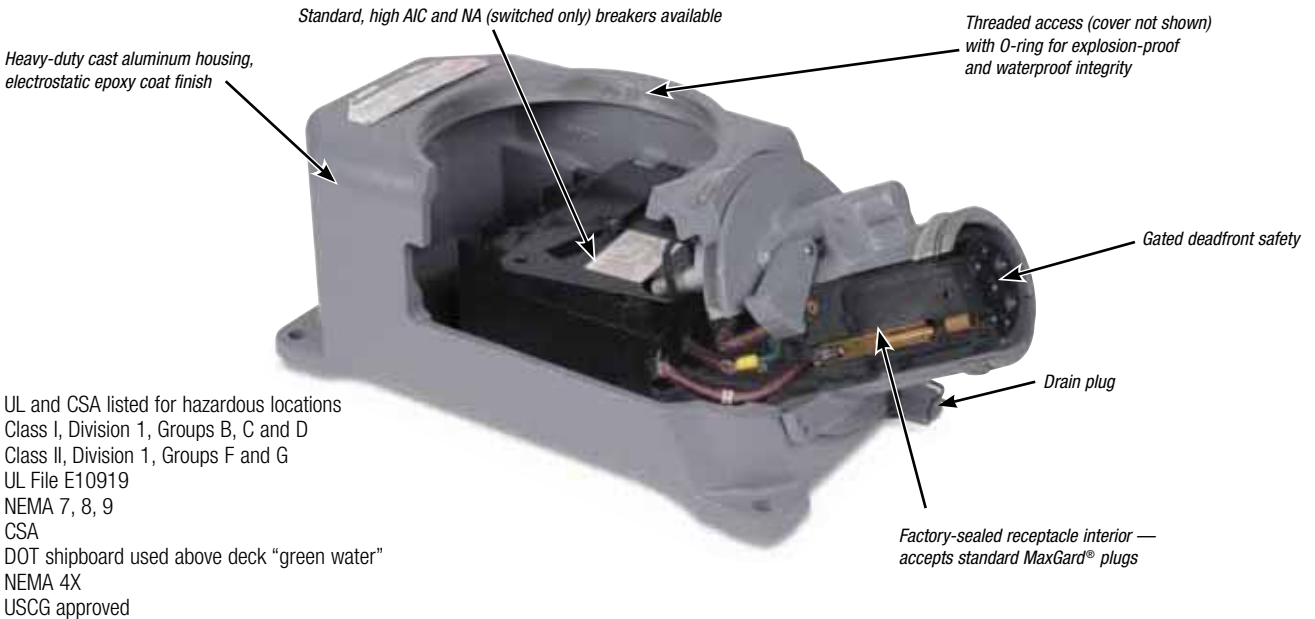
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MaxGard® DBRE and DSRE series interlocks are explosion proof and waterproof (O-ring sealed), along with optional control contacts, and are fully UL® Listed.

### Explosion-Proof Waterproof Circuit Breaker Interlocked Receptacle

Available in 30-, 60- and 100-amp sizes, all polarizations.



### Explosion-Proof Waterproof Non-Interlocked Receptacle

Available in 30A 480VAC max, all polarizations

- Factory-sealed interior (no filled conduits)
- Easy low-cost installation

