

Max-Gard interconnection systems

Overview

30 A–400 A (30–200 A load breaking), maximum 600 V AC/250 V DC 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 A and 400 A pins and sleeves are silver plated

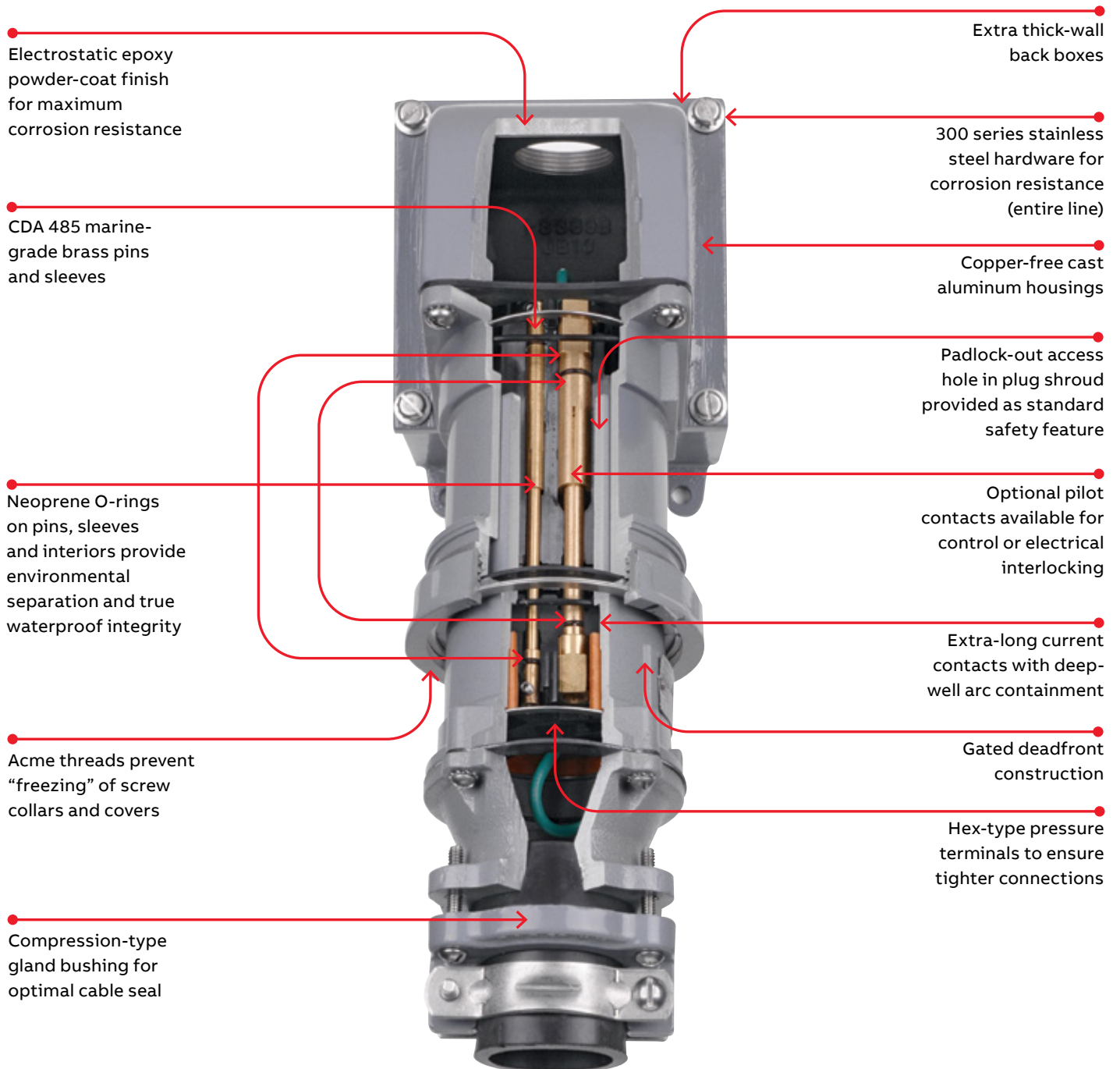
Performance

- **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 Max-Gard installations to be extended up to 600 A custom loads with separate disconnect service



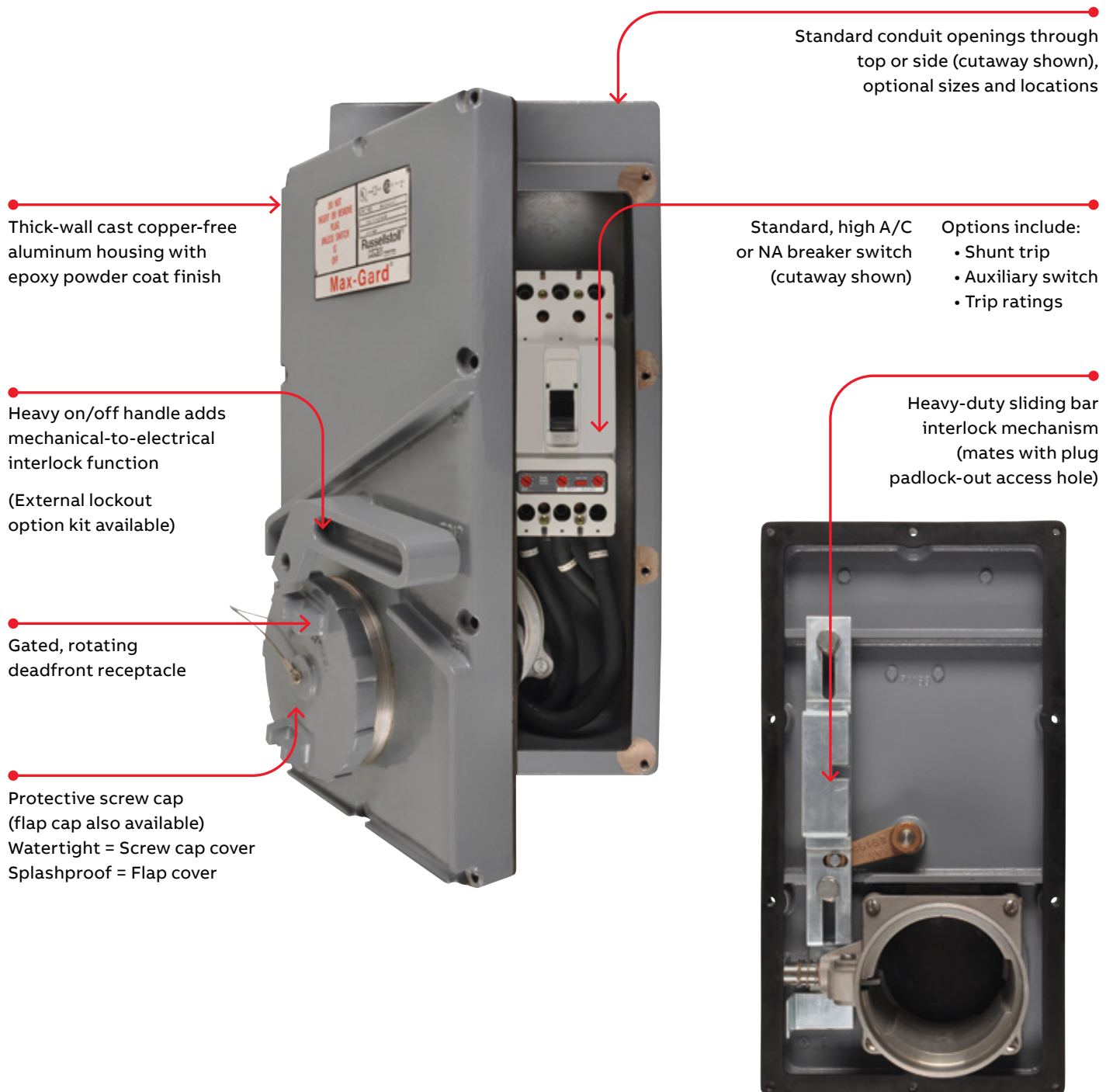
Plug and receptacle with angle adapter and junction box

- Delayed insertion/removal keyways provide explosion-proof approval for standard 30 A, 60 A and 100 A plugs and receptacles
- Available up to 4P5W + pilot; circuit interrupting/load breaking 30 A to 200 A
- Center ground contacts: Make first, break last
- Optional control/pilot contacts: Make last, break first



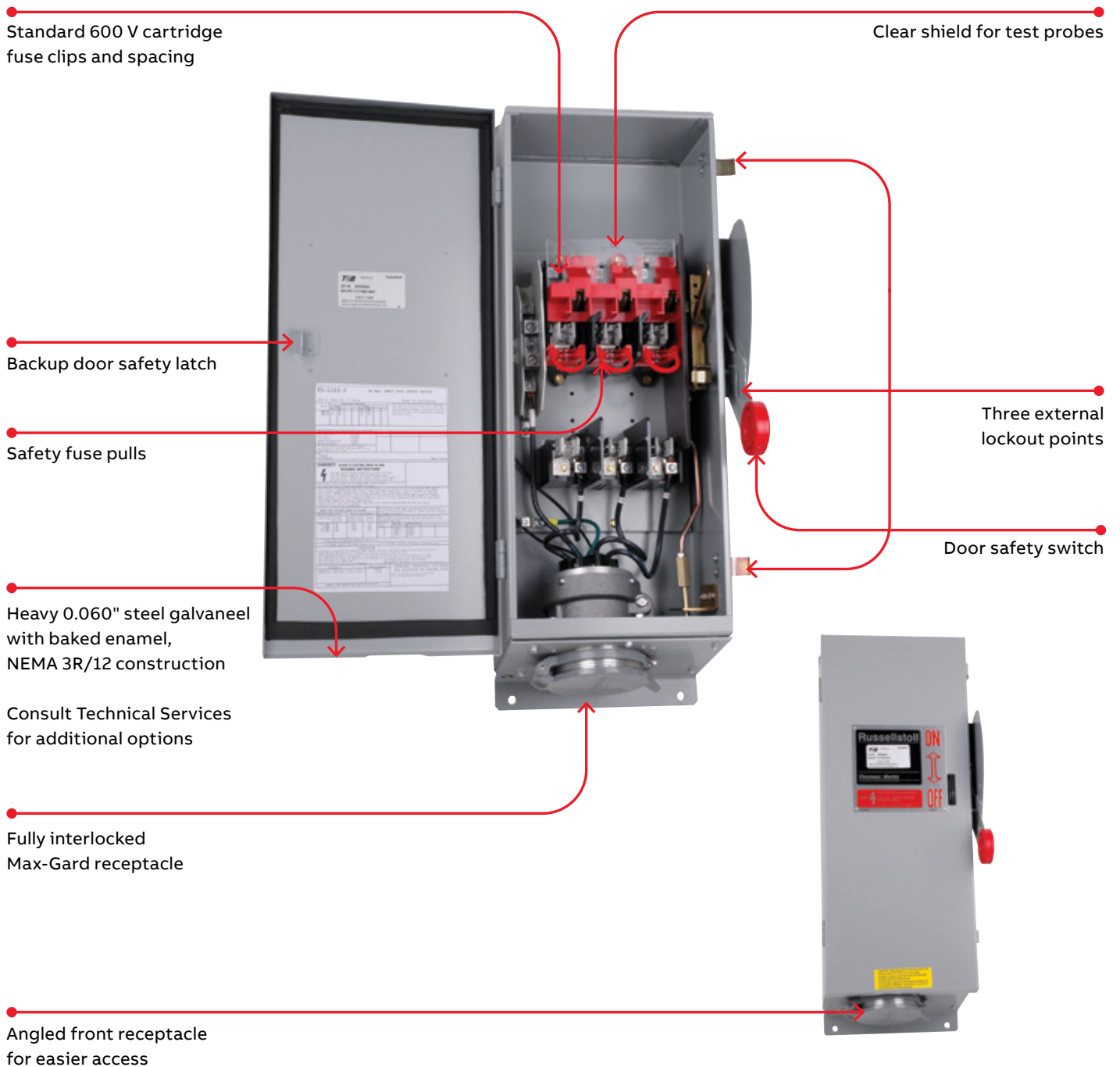
Cast aluminum circuit breaker interlocked receptacle (cutaway view)

- 30 A–400 A (30–200 A load breaking), maximum 600 V AC/250 V DC receptacles, inlets, plugs, connectors, interlocked receptacles, explosion-proof interlocked receptacles
- NEMA 4X interlocks available in 30 A–400 A ranges through 4P5W, with two optional pilot/control contacts



Fused-disconnect switch* interlocked receptacle

- 30 A–400 A (30 A–200 A load breaking), maximum 600 V AC/250 V DC receptacles, inlets, plugs, connectors, interlocked receptacles, explosion-proof interlocked receptacles
- Available in 30 A, 60 A and 100 A sizes, all polarizations through 600 V AC
- 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



Max-Gard interconnection systems

Explosion-proof waterproof receptacles

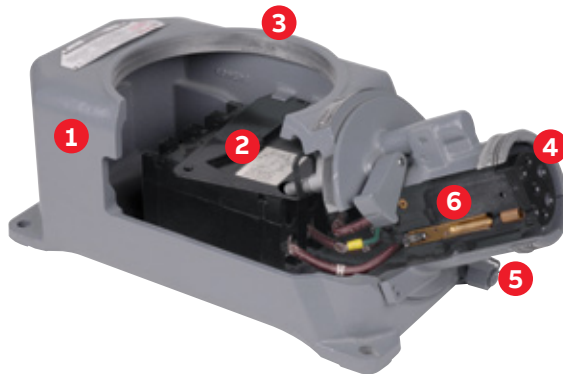
Max-Gard DBRE and DSRE series interlocks are explosion proof and waterproof (O-ring sealed), along with optional control contacts, and are fully UL listed.

01 Approvals

- UL and CSA listed for hazardous locations
- Class I, Division 1, Groups B, C and D
- Class II, Division 1, Groups F and G
- UL File E10919
- NEMA 7, 8, 9
- CSA
- DOT shipboard used above deck "green water"
- NEMA 4X
- USCG approved

02 Approvals

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Explosion-proof waterproof circuit breaker interlocked receptacle

Available in 30 A, 60 A and 100 A sizes, all polarizations.

1. Heavy-duty cast aluminum housing, electrostatic epoxy coat finish
2. Standard, high AIC and NA (switched only) breakers available
3. Threaded access (cover not shown) with O-ring for explosion-proof and waterproof integrity
4. Gated deadfront safety
5. Drain plug
6. Factory-sealed receptacle interior – Accepts standard Max-Gard plugs



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02

Explosion-proof waterproof non-interlocked receptacle

Available in 30 A 480 V AC max, all polarizations.

- Factory-sealed interior (no filled conduits)
 - Easy low-cost installation
1. Heavy-duty cast aluminum housing, electrostatic epoxy coat finish
 2. Threaded access (cover not shown) with O-ring for explosion-proof and waterproof integrity
 3. Gated deadfront for safety
 4. All standard polarizations available to 480 V AC
 5. Factory-sealed receptacle interior – Accepts standard Max-Gard plugs