

WROTE THE STANDARD. BUILT THE FAMILY. STOCKED IN THE US.

IEC 60309 pin and sleeve, mechanical interlocks, CEE NEO and Procon heavy-duty rectangular connectors. Dual rated for the US and Canada, stocked in Somerset, New Jersey.



20 to 100 A

Series II pin and sleeve at 125 to 480 V, UL Listed and CSA Certified on one part number

3 to 288 pins

Procon rectangular connectors: power, signal, coax, RJ45 and pneumatic inserts in one hood

IP67 and IP68

watertight pin and sleeve; washdown Procon versions; IP44 where splashproof is enough

A connector is the one part of the drop the customer touches every day. It decides whether the machine ships as sections, whether a wet floor is a problem, whether the inspector reads one listing or three, and **whether the device on the wall mates with the one in the crate.**

01 CHOOSING IT: FOUR THINGS THAT DECIDE THE PART

- **Rating and wires.** 20, 30, 60 or 100 A; 2P+G through 3P+N+G. The voltage sets the ground clock position, so a 480 V plug cannot enter a 208 V receptacle.
- **Environment.** IP44 splashproof for the panel and the dry hall, IP67 watertight for hose-down and outdoors, IP68 Procon where the connector goes under in washdown.
- **What it mates with.** IEC 60309 devices interchange with any conforming maker on pin position, size and color, and adapter plates fit the back boxes already on the wall.
- **Listing.** UL Listed and CSA Certified together on one part number; cord sets and wiring assemblies listed as built when the shop makes the drop.

02 WHY WALTHER: THE COMPANY BEHIND THE STANDARD

Walther proposed the 1960 CEE17 plug and socket that became IEC 60309, and still machines the brass and molds the housings in its own plants.

- **Tested to the clause.** 1,000 connect and disconnect cycles under load at rated current, 3,000 V dielectric for one minute, -25 to +90 C, eight drops from 75 cm before the moisture test.
- **Dual rated, one number.** Series II ratings 20 to 100 A at 125 to 480 V, UL Listed and CSA Certified, so a US or Canadian project carries one part number.
- **Interlocked where it matters.** Receptacle and switch in one unit: no make or break under load, lockable, IP67 or IP44, with breaker versions.
- **Power and control through one hood.** Procon carries 3 to 288 pins, screw, crimp, IDC or push-in, so the machine splits at one connector.
- **Stocked in Somerset, NJ.** ISO 9001:2015 US shop (TUV Rheinland, July 2026).

03 WHERE THEY GO

MACHINES AND PANELS

Procon on the frame so the machine ships as sections; interlocked disconnect at the panel.

DATA HALLS

30 to 100 A pin and sleeve drops from busway and tray, cordsets cut to the run.

WASHDOWN PLANTS

IP67 pin and sleeve on the hose-down floor; IP68 Procon where the connector goes under.

OUTDOORS AND MARINE

IP67 watertight devices, UV-stabilized housings, cast aluminum back boxes.

TEMPORARY AND EVENT POWER

Generator connections and portable distribution on the same IEC 60309 devices.

LABS AND TEST BENCHES

Interlocked receptacles so test equipment cannot be unplugged under load.

04 THE CONNECTOR FAMILIES

FAMILY AND ROLE	RATINGS	ENVIRONMENT AND LISTING	FORMS	NOTES
 IEC 60309 pin and sleeve The core line, Series II North American ratings	20, 30, 60, 100 A; 125 to 480 V; 2P+G to 3P+N+G	IP44 and IP67; UL Listed and CSA Certified	Plugs, connectors, straight and angled receptacles, inlets	Ground clock set by voltage
 Mechanical interlocks Receptacle and disconnect switch in one unit	20 to 100 A	IP67 (NEMA 4X) and IP44; breaker versions	Switched and breakered receptacles	No make or break under load; lockable
 CEE NEO The next generation of the CEE plug	CEE international ratings	IP54 as standard, up from IP44	Classic, One-Touch, IPD	IPD reports status; NA availability at quote
 Procon heavy-duty rectangular Power and control through one hood	3 to 288 pins	IP68 screw-down and washdown versions	Hoods, bases, inserts; screw, crimp, IDC, push-in	Copper, coax, RJ45, fiber, pneumatic inserts
 Procon One-Touch B6 The easy-latch hood for tight racks	Power to 80 A or control, mixed	IP54 aluminum housings	Wall, panel and hood housings, no locking levers	Mates with installed B6; entry to 1.25 in

05 SELECTING AND ORDERING

The part number reads like the spec: **device type, amperage, environment, poles and wires, clock position**. 269419 is a plug, 60 A, watertight, 3 pole plus ground, clock in the last two digits.

- **Back boxes and adapter plates.** Cast aluminum, epoxy coated, 500 hour salt spray; plates mount Walther receptacles on boxes already installed.
- **Mating pairs, not parts.** Name both ends and we quote the pair, so plug and receptacle share rating and clock.
- **Cordsets and conduit assemblies.** 6 to 100 ft, cable or liquid-tight conduit, built and listed as one; other lengths by quote.
- **North American ratings first.** Series II for US work; international 16 to 125 A and CEE NEO for equipment built to IEC, listings confirmed at quote.