

Family of Products

Industrial plugs, receptacles and power distribution, built since 1897.

F. Walther Electric has built industrial connection hardware since 1897, from its German roots to its North American operation in Somerset, New Jersey. The family covers how power reaches a machine: the plug and receptacle, the disconnect, the distribution box feeding them and the cable assembly tying it together. Walther wrote the original IEC 60309 specification.

1 Mechanical Interlock Devices

One part instead of two: the receptacle, the disconnect switch and the lockout point in a single compact unit. The circuit cannot be made or broken under load. Power will not turn on until the plug is fully seated, and the plug will not release until the power is switched off. The switch accepts a lock, so the machine's power connection and its lockout point are the same piece of hardware.

The rating holds where the water is aimed: sealed while mated, sealed again with the cap closed once the cord is pulled. Watertight IP67 (NEMA 4X) and splash-proof IP44 versions, plus breakered models with a built-in MCB.



30A interlocked disconnect in daily washdown service on a food line. Ask for the application note.

2 Pin & Sleeve Devices

Plugs, connectors and receptacles built to IEC 60309-1 and -2. Walther wrote the original IEC specification, and every device is interchangeable worldwide with any manufacturer that conforms to it: same material rules, ground-pin location, size and color coding. Typically used to feed stationary or portable equipment such as generator sets, compressors, welders, and heating and cooling gear.



3 Power Distribution Units & Combination Outlets

Custom-built power distribution units that combine multiple receptacles, or an assortment of different ones, plus a power inlet in one enclosure. One incoming connection replaces multiple conduit runs with individual branch wiring, which cuts installation and material cost. Shipped completely wired and ready for use. Portable units run from jobsite boxes to 300A dual-input systems.



4 Custom Cable Assemblies

UL custom cable assemblies in standard 6, 10, 25, 50 and 100 foot lengths, other lengths by quote. IEC 60309 plugs and connectors are the usual terminations, but nearly any NEMA device or CAM-style pin can be built, along with custom splitter enclosures. The cordset arrives as a listed assembly instead of something field-made.



5 Procon Heavy Duty Rectangular Connectors

Rectangular multi-pin connectors carrying control and power circuits together, 4 to 216 pins, in minimal panel space. Machine tools, robotics, material handling, conveyors. Instead of on-site hardwiring, you mate the inserts, snap the hood closed and energize. Washdown versions are available with an IP68 rating.



6 Manual Disconnect Switches

Horsepower-rated switches in tough non-metallic NEMA 4X enclosures for surface-mount motor disconnects. Fused, stainless steel, door-mount rotary and toggle versions. All models accept auxiliary contacts.



7 Fittings & Adaptors

Strain-relief cord connectors for cable from 0.079 to 1.38 inch, and thread adaptors across NPT, metric and PG in aluminum, nickel-plated brass and nylon.



Since 1897

industrial connection hardware

IP67

NEMA 4X washdown rated

4 to 216

pins in one Procon connector

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