



# Walther

## Electrotechnical Systems

Walther Electric is an international company that is committed to providing quality electrical interconnect products and power distribution systems to customers & industries around the world. Established in 1897 – and from the very beginning Walther has been known for its progressive engineering, innovative product designs and manufacturing capabilities. All Walther products are designed and manufactured to not only meet but to exceed all industry requirements for greater safety and performance. Plus our Customer Service representatives are second to none **“WE ARE ”** your complete solution provider.



### PIN & SLEEVE DEVICES

Walther Pin & Sleeve Devices are manufactured to IEC 60309-1 & 2 standards and are interchangeable anywhere in the world with other manufacturers who conform to these IEC specifications: material, ground-pin location, size and color. Walther introduced and wrote the standard for the first IEC 60309 Pin & Sleeve Devices as they are known today. IEC 60309 devices are typically used to supply power for stationary or portable applications – i.e. electrically operated equipment: generator sets, compressors, welders, heating and cooling equipment, lighting or similar apparatus – anytime quick-safe connect/disconnect capabilities are required.

### MECHANICAL INTERLOCK DEVICES

Walther IEC 60309 Mechanical Interlocks are designed to combine a disconnect switch and receptacle into one compact unit. The mechanical interlock receptacles are built for safety first by eliminating the possibility of making or breaking the circuit under load or by making a haphazard connection. Walther MIs cannot be energized, turned on, until completely plugged in and then they cannot be disconnected, plug removed, until the power is turned off. Units are available in Water-Tight IP67 (NEMA 4X) and Splash-Proof IP44 and MCB Breakered versions.



### POWER DISTRIBUTION UNITS & SYSTEMS

Walther Electric offers unique, custom-built power distribution units and systems, integrating multiple variations of receptacles plus the installation of a power inlet that combined in a single unit is industry referred to and identified as a “Combination Outlet.” Combination outlets combine multiple like receptacles or an assortment of various different receptacles in one compact enclosure. By integrating numerous receptacles into one electrical enclosure, multiple conduit runs with individual branch circuit wiring can be eliminated. As a result, installation and material costs are significantly reduced. Walther combination outlets are shipped completely wired and ready for use. In most applications only one connection to an incoming current supply and it is ready for use.

### CUSTOM CABLE ASSEMBLIES

Walther’s UL Custom Cable Assemblies are available in 6’/10’/25’/50’ and 100’ lengths. Other lengths are available via special quote. Walther IEC 60309 Plugs or Connectors are the most common termination devices used, but virtually every other type of NEMA device or CAM- style pins are also used. Plus custom splitter enclosure units are available.





### PROCON HEAVY DUTY CONNECTORS: CAST ALUMINUM & PLASTIC

Walther Procon™ Heavy Duty Rectangular Connectors provide a safe, error free connection of multiple wire control and power circuitry from 4 to 216 pins. Devices require minimal installation space while providing maximum termination density for use in machine tools, robotics, material handling equipment, conveyers and for virtually all other types of electrical industrial machinery or electronic equipment. Devices replace the need for on-site hardware installation requirements – simply mate the multi-pin inserts, snap on the cover hood and energize. Wash-down area units are available with an IP68 (Ingress Protection) rating.

### REMOTE ACCESS INTERFACE PORTS

Walther Remote-Access Interface Ports allow access to data and power from the outside of an enclosure – accomplished by installation of a panel-mount housing interface to the outside of a panel that contains a PLC or computer. The Walther Remote-Access Interface Ports allow users to interface the PLC or computer without opening the panel door thereby eliminating the potential safety hazards associated with an energized open electrical panel. Use eliminates the basic requirements of the mandated (NFPA-70E) need for arc-flash protective equipment and garments.



### MANUAL DISCONNECT SWITCHES

Walther standard Manual Disconnect Switches combine a horsepower-rated switch in a tough, non-metallic NEMA 4X enclosure for safe surface-mount motor load disconnects. Several other models are available, including surface-mount Fused and Stainless Steel versions plus door-mounted rotary and toggle switch units. All models accept auxiliary contacts.

### FITTINGS & ADAPTORS

Walther offers a complete-range of Fittings and Adaptors with NPT, Metric or PG threads. Units are available in Aluminum, Brass-Nickel Plated and Nylon. Products include Strain-Relief cord connectors with a range of 0.079” to 1.38”, PG to NPT, Metric to NPT, PG to Metric and Metric to PG adaptors. All units meet or exceed UL, CSA and VDE specifications.



### E-MOBILITY CHARGING PLUGS, RECEPTACLES AND EV CHARGING STATIONS

Walther is a worldwide leading manufacturer and supplier of E-Mobility (Electric Vehicle) charging plugs, receptacles and full-service EV Charging Stations. Nearly all industrialized nations, as well as a European-wide agreement, have already implemented the use of public charging stations or have established procedures to immediately advance E-Mobility especially in congested urban areas to help keep air clean and to help protect fossil fuel reserves. The future of the environment belongs to electric vehicles.



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