

FOOD, BEVERAGE AND PROCESS EQUIPMENT

Power it. Control it. Prove it.

The electrical line for the machine on a washed floor and the plant around it: **power connection sealed where the water hits, the heat and motion control inside the machine, and the metering that says what a line costs to run.** The manufacturers Dynamic Measurement and Control Solutions represents, organized the way you design, with an application engineer on the phone before the spec locks.

Power it

Energy in, converted, moved. And the switching and protection that keeps it safe.



WALTHER

Sealed where the water hits

The receptacle and the switch are one unit: the circuit **cannot be made or broken under load**, and the handle takes a lock. IP67 sealed, so the hose-down does not decide when the line stops. Series II pin and sleeve, 20 to 100 A at 125 to 480 V, UL Listed and CSA Certified together, built in Somerset, New Jersey.



WALTHER

The machine splits here

Procon rectangular connectors carry power and control through one hood. Mate the inserts, snap the hood, energize. **Washdown versions to IP68**, on the panel that gets sprayed every shift, and distribution assemblies with breaker protection built in so the outlets move with the layout instead of the conduit.



CELDUC

The heater relay that reports its own state

Solid state relays for ovens, fryers, sealing bars, reheat and CIP heaters, 4 to 125 A single and three phase, with relays and plug-on modules that **report mains, load and protection status**. Miniature Faston-terminal relays for the inside of a coffee machine or a vending cabinet. A broken element drops the load current and the relay flags it before a day of product is made wrong.



PREMIUM PSU

Power that lives in the wash zone

A 300 W AC/DC supply **sealed to IP68**, mounted where there is no enclosure to put it in, and the CMS family sealed to IP67 for the DC bus on a mobile unit. From the shop that builds 50 kW rail converters, with -40 to +70 C ranges available across the line.

Control it

Commanded, coordinated. The pumps, conveyors and heat zones, and the terminal the operator touches with wet gloves.



IMO

Pumps, conveyors and the panel that runs them

Jaguar drives, including harsh-environment models built for vibration, contactors and motor control from compact to heavy frames, iSmart smart relays and XGB PLCs with **license-free programming**, iView HMIs on the door. UL-approved miniature circuit breakers, RCBOs and surge protection for the refrigeration and auxiliary circuits. Up to 5-year warranty on electromechanical components, same-day dispatch from US stock.



GETT

An operator terminal that takes the hose

A splash-water-protected terminal for the filling area: **IP65, stainless housing with a glass pane**, a membrane keypad with a trackball, connections routed to floor level so the rating survives foaming agent and the pressure washer. Glass keyboards to IP68 that wipe clean, and an optical switch that is never touched at all.

Prove it

Proven, not assumed. Which start sets the peak, what each line costs to run, and what the old line did on the last shift.



SATEC

Which start sets the peak

PM17x PRO on the service records demand the way the tariff bills it and stamps every event to 1 microsecond, so **the compressor start that landed on the peak is a line in a log**, not an argument. Demand is set in minutes and paid all month; seeing which minutes is the first step to moving them.



SATEC

Cost by process area, not by plant

BFM-II meters up to **54 single-phase or 18 three-phase circuits** from one DIN-rail unit, against two voltage sources. Ovens, chillers, compressed air and each line get their own kWh, so **a run has a cost** and the off weeks have a number.



BRAINBOXES

Read the line without opening it

Remote I/O picks up states, counts and temperatures at the sensor and presents them as **Modbus TCP devices your own software polls**; RTD and thermocouple modules put oven and cooler temperatures on the same network. The qualified controller is never touched, so what was validated stays validated.



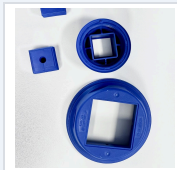
BRAINBOXES

The old line already has the port

The machine that only has an RS-232 or RS-485 port goes on the network through it, and the plant PC still sees the same COM port. **Nothing in the software changes**, which is where these projects usually die. Compact unmanaged and PoE switches on the DIN rail carry the new drops from inside the panel you have.

Foundation

Looks simple. Fails first. Where the schematic meets the panel.



CONTA-CLIP

Cable entry in the hygienic zone

KES entries in signal blue with an **elastomer built to FDA food-contact requirements**, a flat visible face with no dirt pockets, up to 32 conductors sealed to IP66. A lower-cost alternative to stainless glands in the washdown zone; KDS split entries for the pre-terminated cables on the rest of the machine.



WISKA

Junction boxes built for outside

COMBI junction boxes to IP66, UV and ozone resistant, quarter-turn lids, membrane entries that need no locknut, for the compressor room, the yard and the dock. Glands, venting and the Brace conduit system around them, from a company that started on ships in 1919.

Where the rating stops

IP67 is hose-down; IP68 is the Procon versions rated for it. A high-pressure, high-temperature CIP zone is a question for us before it is a part number.

The PLC knows the command, not the load

The control system knows whether it commanded the output on, not whether current is flowing in the load. One element open in a bank of five is close to invisible to a loop that can still nearly hold setpoint. A relay that reports its state closes that gap.

Where we will say no

Anything deterministic, safety rated or inside the control loop stays with the controller vendor. We do not represent HVAC or refrigeration equipment, stainless enclosures or lighting. A relay that reports its state is a reliability feature, not a rated safety function. Listings are confirmed on your exact configuration when we quote it.

Talk it through at the design stage

If any part of this card raises a question mid-design, whether that is the connector on the machine, the heat zone or the meter on the line, that question is exactly what we are for. A short technical conversation before the spec locks usually surfaces the options a datasheet does not.

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THE MANUFACTURERS ON THIS CARD



WISKA