

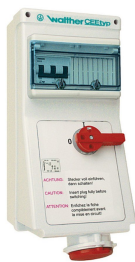
BUILDING, FACILITY AND SITE SYSTEMS

Power it. Control it. Prove it.

The electrical line for the building, the plant floor and the site around it: the power to the equipment, the controls that run the pumps and fans, and the metering that settles the bill. 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

Connect, disconnect, lock out: one part

The receptacle and the switch are one unit: the circuit **cannot be made or broken under load**, and the handle takes a lock. Service from where you stand, IP67 sealed where the water hits. Series II pin and sleeve, 20 to 100 A at 125 to 480 V, UL Listed and CSA Certified together.



WALTHER

One feed in, outlets where the gear is

Distribution assemblies with breaker protection built in, shipped wired and ready, and finished drops built to length in Somerset, New Jersey. **One incoming feed** in place of a row of conduit runs, so the outlets sit where the equipment lands and move when the layout does.



SCHALTBAU

DC on the site: battery, solar, charging

A battery, a PV string or a charger feed does not zero-cross, so the contactor has to clear the arc itself. Schaltbau DC contactors use permanent-magnet arc blowout in an open chamber, **bidirectional, to 3,000 V**: charge and discharge through the same device, isolation you can trust when the site battery faults.



CELDUC

The heater relay that reports its own state

Solid state relays for electric heat, process heaters and reheat zones, 4 to 125 A single and three phase, with relays and plug-on modules that **report mains, load and protection status**. A broken element drops the load current and the relay flags it, before a day of product is made wrong.

Control it

Commanded, coordinated. The pumps, fans, doors and the panel that runs them.



IMO

Pumps, fans 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. Up to 5-year warranty on electromechanical components, same-day dispatch from US stock.



IMO

Protection, and the DC isolator for site solar

UL-approved miniature circuit breakers, motor circuit breakers, RCBOs and surge protection for the auxiliary and control circuits, mechanical AC disconnects, and the **SI Series TRUE DC isolator** (UL 508, 8 million units installed since 2009) where a PV string needs a real air gap.

Prove it

Proven, not assumed. When a bill, an interconnection or a trip is disputed, the facility with the data wins.



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 chiller 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 building, area and process

BFM-II meters up to **54 single-phase or 18 three-phase circuits** from one DIN-rail unit, against two voltage sources. Chillers, air handlers, the lab wing and each production line get their own kWh, so a department has a cost and the idle weeks have a number.



SATEC

Sags recorded, not remembered

PRO Series: a Class 0.2S revenue meter and a Class A Edition 3.1 power quality analyzer in one instrument. Sags, swells, interruptions and unbalance logged with their time and depth, so **the trip at shift change has a cause on file**. AC and DC on the same platform, DC to 1,500 V for the site battery.



BRAINBOXES

Chillers, boilers and gensets into the BMS

The equipment already has an RS-232 or RS-485 port. Ethernet-to-serial puts it on the network; remote I/O picks up states, flows and temperatures at the sensor and presents them as **Modbus TCP devices the building system polls**. The controls are never opened, the equipment logic never touched.

Foundation

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



CONTA-CLIP

Power distribution blocks and high-current terminals

Finger-safe splits from the incoming feed to the zone loads, stud and bolt terminals for the big conductors, and the DIN-rail blocks, marking and KDS split cable entry around them. Less exposed copper, faster fit-out.



WISKA

Junction boxes built for outside

COMBI junction boxes to IP66, UV and ozone resistant, quarter-turn lids, membrane entries that need no locknut, plus glands, venting and the Brace conduit system. Made by a company that started on ship installations in 1919.

Demand is set in minutes, paid all month

A demand charge comes from the highest interval average in the billing period. Two starts that overlap once can set it. Seeing which is the first step to moving it.

Accuracy class is a system property

A Class 0.2S meter reading through a 1 percent CT is a 1 percent system, and the error grows with every metering point you sum. The number on the box only survives if the CT chain lets it.

Where we will say no

Anything deterministic, safety rated or inside the control loop stays with the controller vendor. A relay that reports its state is a reliability feature, not a rated safety function. We do not represent HVAC equipment, enclosures or lighting. 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 power to the equipment, the control panel or the metering, 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

