

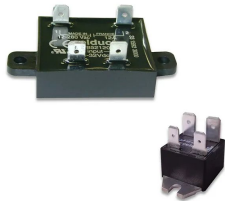
COMMERCIAL, SELF-SERVICE AND PUBLIC-USE EQUIPMENT

Power it. Control it. Prove it.

The electrical line for equipment the public uses and nobody supervises: the heat, the charge and the power behind the panel, the terminal a stranger operates in the rain, and the data that says it is still working. 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.



CELDUC

Ovens, fryers, coffee and vending

Solid state relays inside commercial cooking and refrigeration equipment: okpac single, two and three-phase relays for the heating elements, **miniature Faston-terminal relays** for the coffee machine and the vending cabinet, screw-body and tubular magnetic sensors for door and lid detection. Zero-cross switching, no contact to wear, no click at the counter.



SCHALTBAU

The charging post

DC fast charging switches a bus that never crosses zero. The C303 breaks **1,500 V and 500 A continuous, bidirectional**, with permanent-magnet arc blowout in an open chamber and no gas to leak; the C310 covers AC and DC in one frame. Battery contactors from 80 to 250 A for the golf cart, the sweeper and the last-mile vehicle.



PREMIUM PSU

Power for the post and the sign

CVS-280 takes **750 V DC down to 24 V** for a charging post fed from the DC line instead of a new AC service; OPS-260 inverters sealed to IP66 for outdoor equipment; a DC UPS with Ethernet reporting keeps the terminal's controller up through a dip; CLS-120 DC/DC with EMI filtering for the passenger-counting camera at the station.



IMO

Protection for the charger install

A charger is a continuous load with earth-leakage and surge exposure. **UL-approved miniature circuit breakers, RCBOs and surge protection** sized for it, from stock, with contactors and cam switches for the rest of the cabinet. The protection around the charger, not its controller.

Control it

Commanded, coordinated. The terminal a stranger uses, and the logic behind the door.



GETT

The terminal, from the keyboard to the whole build

Stainless steel keyboards and keypads that **shrug off vandalism and weather**, glass keyboards that wipe clean, optical switches nobody has to touch, and capacitive buttons with an NFC reader. Complete terminals when the project is the kiosk: citizen and patient terminals, retail and information kiosks, outdoor units to IP65 in stainless.



IMO

The logic behind the door

iSmart smart relays and XGB PLCs with **license-free programming** for the car wash, the conveyor and the door, Jaguar drives for the blowers and pumps, iView HMIs for the attendant. One platform a service contractor can support, same-day dispatch from US stock, up to 5-year warranty on electromechanical components.

Prove it

Proven, not assumed. It is still working, it drew this much, and the bill is right.



BRAINBOXES

Show control and signage

Remote I/O triggers lighting, doors and holographic effects **in sync with the audio and video** at a themed venue, and reads the turnstile and the door contact at the gate. Ethernet-to-serial reaches the display, the projector and the sign past the room's own ecosystem, PoE-powered where there is no outlet.



BRAINBOXES

The roadside cabinet

A compact switch rated **-40 to +80 C** carries camera video from a wrong-way detection module to the traffic center, sub-second, in roadside heat. The same DIN-rail switches and I/O sit in the parking gate, the car wash and the signage cabinet.



SATEC

Cost by store, by row, by charger

BFM-II meters up to **54 single-phase or 18 three-phase circuits** from one DIN-rail unit, against two voltage sources. The kitchen line, the wash bay, the charger row and the sign each carry their own kWh. Across a chain, **ExpertPower compares the utility bill with the meter store by store** and flags the one that does not match.



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.

Foundation

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



CONTA-CLIP

Unattended sites that phone home

GSM-PRO2 modules on 4G with 3G and 2G fallback send an SMS or an email when a heating system, a pump or a gate faults, with I/O extension and logging, set up from an app with no programming. The technician arrives with the right part.



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 pole, the car wash and the lot. Glands, venting and the Brace conduit system around them, from a company that started on ships in 1919.

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.

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.

Where we will say no

Anything deterministic, safety rated or inside the control loop stays with the controller vendor. We do not represent card readers, printers, displays or enclosures beyond the GETT terminal, and nothing in payment. 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 relay in the oven, the contactor in the charger or the terminal on the street, that question is exactly what we are for. A short technical conversation before the spec locks usually surfaces the options a datasheet does not.

Jeff Weseloh, Application Engineer
Dynamic Measurement and Control Solutions
(408) 780-9190 · jeff@dynamicrep.com ·
www.dynamicrep.com/commercial-self-service-and-public-use-equipment

THE MANUFACTURERS ON THIS CARD

SCHALTBAU

Premium

celduc[®] inc.

IMO

GETT AMERICA

SATEC

brainboxes

CONTA-CLIP

WISKA