Automatic DET Powder Panel
Warewashing detergent dosing system

The system is designed to control the amount of chemicals in a circulating water system in a professional ware-wash machine or similar. It controls a solenoid valve to dissolve dry chemicals.
The unit has to be powered by 24 Vac (without any switch). A power transformer 240 Vac – 24 Vac will be installed upstream of the system.

FEATURES

- **LCD Digital display** 2 x 16 characters with backlight
- **Separated switching Power supply** (24 Vac @50/60 Hz) pre-wired for quick and safe electrical connection; the unit is provided with an additional water proof transformer to get power supply from any kind of dishmachine.
- **Integrated control unit with IP65** Protection degree and class II electrical insulation
- **Separate input** trigger 24÷230 Vac for enabling conductivity probe reading to start the dosage
- **Conductivity probe** for accurate conductivity reading (100 µS ÷ 5 mS) with temperature compensation.
- **Integrated PP hopper** for dry chemical dissolving in water.
- **Stylish frontal ABS thermoformed cover** to protect the components leaving access to the programming keypad
- **24 VDC solenoid valves** integrated into the device to open water flow for water spraying.
- **LEDs and Display** provide information on the dosing phases and the alarms
- **Features Overflow contacts** on the hopper to signal if water is flooding due to abnormal obstruction in the delivery line.

OPERATING MODES AND FUNCTIONS

- **Password Protection** for programming
- **Detergent solenoid valve opening depending on conductivity value or alternatively in ON-OFF mode with programmable intervals.**
- **Programmable OFA time for Det Solenoid Valve** to signal alarm and eventually close the valve if the detergent concentration set point has not been reached within the set time interval. The alarm can be configured for Single Tank or Tunnel machines.
- **Features basic set of counters** (Trigger hours for Tunnel machines, number of wash cycles for single tank machines)

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TECHNICAL FEATURES	
CODE	CDP310D00B0002
CERTIFICATIONS	CE, EAC
INTERFACE	Digital with LCD 2x16 characters display
PROTECTION DEGREE CONTROL UNIT	IP65
ELECTRICAL CLASS CONTROL UNIT	Class II (ground connection not needed)
POWER SUPPLY	24 Vac @50/60 Hz with separated transformer
CONDUCTIVITY READING RANGE	100 µS ÷ 5 mS
CONSUMPTION	15 W
OPERATING TEMPERATURE	5-50°C
STORAGE TEMPERATURE	-20÷60°C
FRONT COVER MATERIAL	ABS

DIMENSIONS

235 mm

310 mm

180 mm