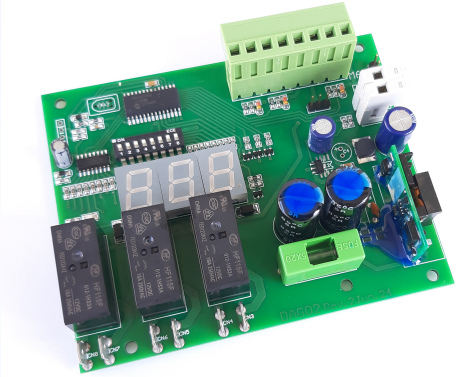
CAR WASH SERIES

DAG02_24

TOKEN TIMER FOR CAR WASH SYSTEMS

Management of token-operated loads (vacuum cleaners and more) with displays, hour-meter and universal 90–520 Vac supply.

90–520 Vac | Made in Italy



POWER SUPPLY	THREE-PHASE	SINGLE-PHASE	DIMENSIONS
90–520 Vac	**4** kW · 5 HP	**3** kW · 4 HP	**115×93×30** mm

TECHNICAL DATA

Power supply	90–520 Vac, 50/60 Hz, automatic detection (electronics and load)
Load	Three-phase up to 4 kW / 5 HP · single-phase up to 3 kW / 4 HP
Time per token	Up to 635 s or 127 min, set with DIP switches
Inputs	Token acceptor (NO) · emergency stop (NC) · CHI function (NO)
Auxiliary output	12 Vdc, 150 mA (enable after emergency via jumper JP1)
Display	3-digit 7-segment
Protection	0.5 A fuse on mains input
Connections	Faston + terminal blocks
Dimensions	115 × 93 × 30 mm
Weight	140 g

MAIN FUNCTIONS

- Token counting with configurable working time
- Non-resettable total hour-meter and resettable token counter
- Emergency input: load disabled and event shown on display
- CHI input: pause/resume or manual control (MAN jumper)
- Replaces and improves the previous DAG02

DESCRIPTION

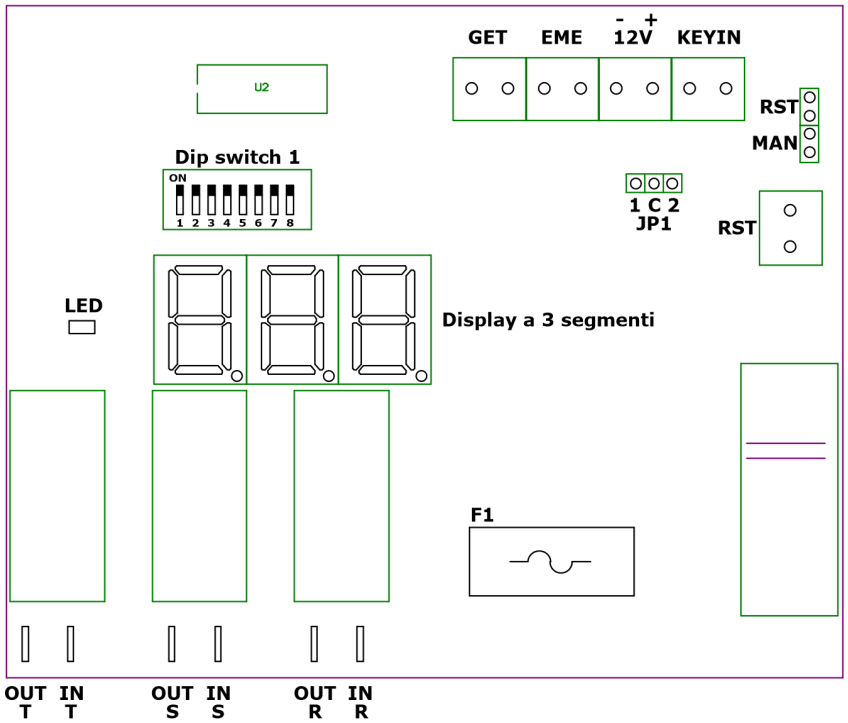
DAG02_24 manages token-operated loads, typically car wash vacuum cleaners, but it suits any application requiring a timed activation pulse.

Connected to a token acceptor, it counts tokens and assigns each one a configurable operating time (seconds or minutes). The displays show real-time status, total working hours and tokens inserted.

PRESSURE WASHER ELECTRONICS

DESIGNED AND MADE IN ITALY

DAG02_24 · Board layout and connections



Power supply between 90 and 520 Vac 50/60Hz

FASTON IN R,S,T - Power input, in single phase do not use T
FASTON OUT R,S,T - Load output
F1 - 500mA board protection fuse

GET - Coin acceptor input contact NO
EME - Emergency mushroom input NC contacts
12V - 12Vdc output max load 200mA
KEYIN - Input for FUNCTION button contact NO

LED - Relay activation signal

JP1 - 12Vdc output selection jumper, always present or excluded by EME intervention:
1+C always present
2+C excluded from EME intervention
No Jumper output disabled.

MAN - CHI input FUNCTION selection jumper
Open: Pause / Resume token counting
Closed: Start / Stop relay without token insertion (manual operation)
RST - Jumper on board or terminal for any external button
Open: Normal operation
Closed: Displaying working hours and tokens inserted when given voltage to the board

Dip switch - Base time multiplication selector.

Bilingual EN / IT legends as per manufacturer's diagram · Drawings not to scale

G.Milani s.a.s. · Via Cavaglietto 25, 28010 Cavaglio d'Agogna (NO) · +39 0322 80 68 20 · info@gmilani.it · gmilani.cloud