As time counts...

...you can count on Carlo Gavazzi timers

CARLO GAVAZZI
Automation Components

Three housings, full functions
High reliability, high quality
Full time ranges, full power supply ranges

Plug-in housing

Mini DIN-rail mount housing

DIN-rail mount housing
A further step in Carlo Gavazzi’s timer range

When simplicity meets quality and flexibility, the result is Carlo Gavazzi’s line of timers!

All of the most important functions, such as delay on operate, delay on release, interval, recycler and star-delta are available in this comprehensive range. All of the timers operate on multiple supply voltages up to 240VAC, and provide up to two relay outputs.

- 17.5 mm housing for DIN-rail
- Multivoltage power supply
- DIN-rail mount and plug-in housings
- Three housings, same functions
- Time setting from 0.1s to 100h

### Delay on operate

<table>
<thead>
<tr>
<th>Mini-D Housing</th>
<th>D-Housing</th>
<th>P-Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAA51CM24</td>
<td>DMB51CM24</td>
<td>DCB51CM24</td>
</tr>
<tr>
<td>Function: O</td>
<td>Functions: Op, In, Id, Io, Dr, R, Rb</td>
<td>Functions: Aa, Ab</td>
</tr>
<tr>
<td>1 relay output</td>
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</tr>
<tr>
<td>Power supply: 24 VDC and 24 to 240 VAC</td>
<td>Power supply: 24VDC &amp; 24-240 VAC or 12 to 240 VAC/DC</td>
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<td>DAA01CM24</td>
<td>DMB01CM24</td>
<td>DCB01CM24</td>
</tr>
<tr>
<td>Function: O</td>
<td>Functions: Op, In, Id, Io, Dr, R, Rb</td>
<td>Functions: Aa, Ab, Sh, Dt</td>
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<td>1 or 2 relays output</td>
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To instantly view a data sheet and specify products, visit www.GavazziOnline.com
Flexible functionality responds to your every timing need

**Star-delta**

- **DAC51CM24**
  - Function: SD
  - Power supply: 24 to 240 VAC/DC

- **DAC01CM24**
  - Function: SD
  - Power supply: 24 to 240 VAC/DC, 380 to 415 VAC

- **PAC01CM24**
  - Function: SD
  - Power supply: 24 VDC and 24 to 240 VAC, 380 to 415 VAC

**True delay on release**

- **DB851CM2410S**
  - Function: Tr
  - 1 relay output
  - Power supply: 24 VDC and 24 to 240 VAC

- **DB801CM24**
  - Function: Tr
  - 1 or 2 relays output
  - Power supply: 24 VDC and 24 to 240 VAC

- **PBB01CM24**
  - Function: Tr
  - 1 or 2 relays output
  - Power supply: 24 VDC and 24 to 240 VAC

**All-in-one systems**

- **PMC01C724**
  - Functions: Op, Oa, In, Ia, Nr, Na, Dr - NPN, PNP and Namur sensor input and supply
  - 1 or 2 relays output

- **DMC01D724**
  - Functions: Op, Oa, In, Ia, Nr, Na, Dr - NPN, PNP and Namur sensor input and supply
  - 1 or 2 relays output

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Typical Timing Applications

**Food/Feed Dispensing**
DCB01, PCB01 and DCB51 can provide food or feed (i.e., for fish, cattle, etc.) across a predetermined period of time.

**Compressors**
DAA01 and PAA01 for starting several compressors, thus avoiding high and dangerous inrush current.

**Controlling a Fan**
DBB together with a current relay (such as DIB01), to switch on an extractor fan if a machine is on and to switch it off for a fixed period of time after the last machine has turned off.

**Signaling Alarms**
DMB51 can provide a flashing red light to signal an alarm condition (i.e., for fume or smoke detection in a tunnel).

**Bell Activation**
DMC and PMC01 can be used to obtain a fixed activation time for a bell or buzzer if an object activates or deactivates a sensor.

**Tanning Beds**
Interval timing of DMB01 and PMB01 are used in tanning beds to prevent health problems due to mechanical timer failure.

Inductive Proximity • Capacitive Proximity • Magnetic Switches • Photoelectric • Level Controls • Limit Switches • Current Monitors
Voltage Monitors • Panel Meters • Phase Monitors • Timers • PID Controllers • Energy Management • Solid State Relays
Electromechanical Relays • Motor Controllers • Pushbuttons • Switches • Pilot Devices • Rotary Disconnects • Cam Switches

A Global Force in Industrial Automation

CARLO GAVAZZI has a multitude of sales offices spanning North America (not to mention our hundreds of distributors). Therefore, we can be viewed as “your local automation resource”, assisting you every step of the way in finding the proper solution for your various application requirements.

Naturally, our job is greatly simplified as we have such a vast range of solutions to offer via our comprehensive product ‘package’ — and what better way to install those products than in one of our new enclosures, modular cabinets or freestanding consoles.

Our worldwide sales offices make us an ideal business partner, especially for manufacturers of exported machinery, as our products are available locally and they are CE marked.

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