

**As time counts...**

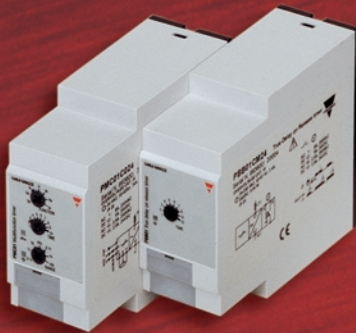
**...you can count on Carlo Gavazzi timers**



**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

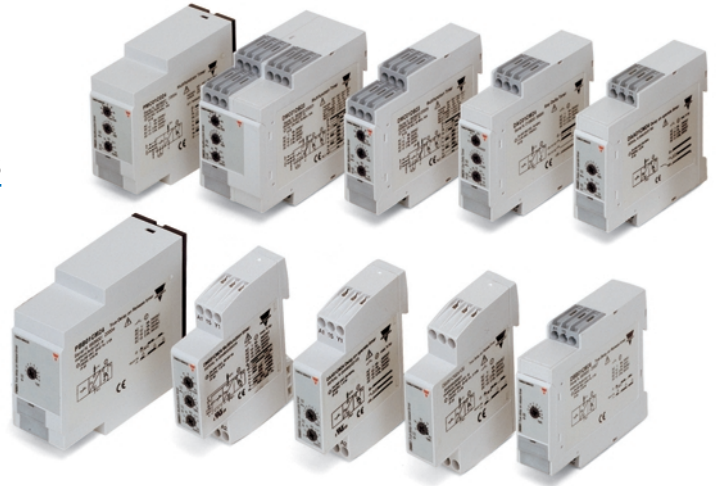
When simplicity meets quality and flexibility, the result is Carlo Gavazzi's line of timers!

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	Multifunction	Asymmetrical recycler
Mini-D Housing	 <p>DAA51CM24</p> <p>Function: O 1 relay output Power supply: 24 VDC and 24 to 240 VAC</p>	 <p>DMB51CM24 DMB51CW24</p> <p>Functions: Op, In, Id, Io, Dr, R, Rb 1 relay output Power supply: 24VDC &amp; 24-240 VAC or 12 to 240 VAC/DC</p>	 <p>DCB51CM24</p> <p>Functions: Aa, Ab 1 relay output Power supply: 24 VDC and 24 to 240 VAC</p>
D-Housing	 <p>DAA01CM24 DAA01DM24</p> <p>Function: O 1 or 2 relays output Power supply: 24 VDC and 24 to 240 VAC</p>	 <p>DMB01CM24 DMB01DM24</p> <p>Functions: Op, In, Id, Io, Dr, R, Rb 1 or 2 relays output Power supply: 24VDC &amp; 24-240 VAC</p>	 <p>DCB01CM24 DCB01DM24</p> <p>Functions: Aa, Ab, Sh, Dt 1 or 2 relays output Power supply: 24 VDC and 24 to 240 VAC</p>
P-Housing	 <p>PAA01CM24 PAA01DM24</p> <p>Function: O 1 or 2 relays output Power supply: 24 VDC and 24 to 240 VAC</p>	 <p>PMB01CM24 PMB01DM24</p> <p>Functions: Op, In, Id, Io, Dr, R, Rb 1 or 2 relays output Power supply: 24VDC &amp; 24-240 VAC</p>	 <p>PCB01CM24 PCB01DM24</p> <p>Functions: Aa, Ab, Sh, Dt 1 or 2 relays output Power supply: 24 VDC and 24 to 240 VAC</p>

Mini-D Housing

D-Housing

P-Housing

## Flexible functionality responds to your every timing need



### Star-delta

### True delay on release

### All-in-one systems



DAC51CM24

Function: SD  
Power supply: 24 to 240 VAC/DC



DBB51CM2410S  
DBB51CM241M  
DBB51CM2410M

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



DAC01CM24  
DAC01CM40

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



DBB01CM24  
DBB01DM24  
DBB02CM24  
DBB02DM24

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



DMC01C724 DMC01D724  
DMC01CB48 DMC01DB48  
DMC01CB23 DMC01DB23

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



PAC01CM24  
PAC01CM40

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



PBB01CM24  
PBB01DM24  
PBB02CM24  
PBB02DM24

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



PMC01C724 PMC01D724  
PMC01C024 PMC01D024  
PMC01C115 PMC01D115  
PMC01C230 PMC01D230

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



# Typical Timing Applications

## Food/Feed Dispensing

DCB01, PCB01 and DCB51 can provide food or feed (ie for fish, cattle, etc.) across a predetermined period of time.



## Signaling Alarms

DMB51 can provide a flashing red light to signal an alarm condition (ie for fume or smoke detection in a tunnel).



## Compressors

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



## 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.



## Contrlling 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.



## Tanning Beds

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



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