DSCM - the multi-function timer provides all common functions and time ranges in one device:

4 functions:

On-delay, one shot actuation during starting, flicker starting with relay off, flicker starting with relay on

4 time ranges:

1-10s, 4-40s, 0.5-5min, 4-40min

1 or 2 contacts

Large input voltage range AC 110-230V or DC24V

Pluggable on 11-pin standard relay socket



2

Installation

Time ranges and functions are set at a 4-position DIL switch on the side of the device.

2 and 10 are operating voltage connections.

Functions and time ranges cannot be altered once the operating voltage has been applied.

The devices are available with one or two change-over contacts

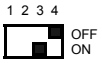
The desired time range is determined according to the following table using the selector switch 3 and 4, the function is set using switch 1 and 2.

The timers DSCM are pluggable on 11-pin standard relay socket.

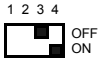
Order-No	Type
434100	DSCM AC110-230V, 1 c/o contact
434120	DSCM DC24V, 1 c/o contact
434200	DSCM AC110-230V, 2 c/o contacts
434220	DSCM DC24V, 2 c/o contacts

Time ranges

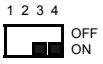
1-10s



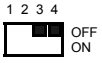
4-40s



0.5-5min

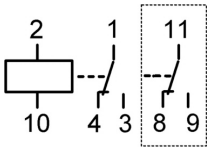


4-40min



Ask for other time ranges

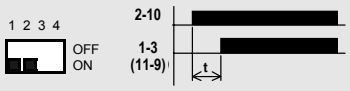
Contakt Configuration



Function

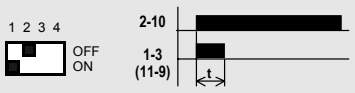
On-delay

Contact 1-4 (11-8) switches to 1-3 (11-9) after operating voltage is applied to 2-10 and time has elapsed.



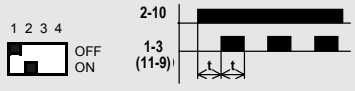
One shot actuation (starting)

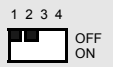
Contact 1-4 (11-8) switches to 1-3 (11-9) after operating voltage is applied to 2-10 for the duration of the set time.



Flicker

When voltage is applied to 2-10 the timed contact turns on and off repeatedly, starting with the pause time.





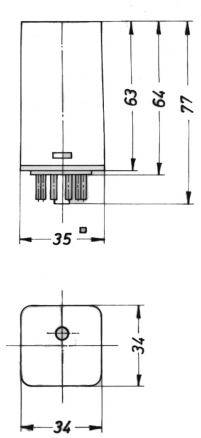
The function can be inverted with switch 2 = OFF (start with working time).

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Multi-Function Timer DSCM

Specifications	
Operating voltage U_N	AC 110-230V, 50-60Hz or DC 24V (DC21-30V smoothed)
Power consumption	AC 1,5VA at 230V, DC 3W
LED	green: relay contact 1-3 (11-9) switched
Protection	housing IP20, connection IP00
Time ranges	1-10s, 4-40s, 0.5-5min, 4-40min
Repeat accuracy	+/- 1,0%
Reclose readiness	ca. 300ms
Switching capacity	AC 250V: max. 6A, max. 1500VA ohm´s load DC: 2A / 24VDC ohm´s load
Contact life	mechanical $1x10^7$ operations
Temperature dependence	0,1% /°C
Temperature range	-20^0 - + 60^0C (dew-free)
Dielectric strength	4kV DIN VDE 0110-1:1997-04
Weight	approx. 150g
Installation position	any



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