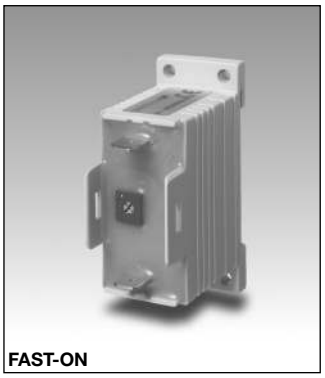
Timers

Delay on Operate
Type EAS


SCREW


FAST-ON

- **Fail-safe two-wire connection**
- **Low-cost**
- **Multi-voltage: 24-230 VAC/DC**
- **Delay on operate**
- **Time range: 0.5 s - 10 m**
- **Knob-adjustable time setting**
- **Output: SCR 10-500 mA (screws) and SCR 10-700mA (Fast-ON)**
- **For mounting on DIN-rail in accordance with DIN/EN 50 022**
- **22.5 mm small Euronorm housing**

Product Description

Small, low-cost mono function timer with adjustable time setting. Only 2-wire connection for easy and fail-safe use (see diagram).

For mounting on DIN-rail or directly on surface by screws. The timer is used e.g. to delay small industrial relays or 3-phase contactors.

Ordering Key

EAS S M23 10S F

Housing
Function
Small E-line
Output
Power supply
Time range
Fast-ON connection

Type Selection

Mounting	Output	Time range	Connection	Supply: 24 - 230 VAC/DC
For DIN-rail or for screw	SCR	0.5 - 10 s	Screws	**EAS S M23 10S**
	SCR	0.1 -1 m	Screws	**EAS S M23 1M**
	SCR	1 - 10 m	Screws	**EAS S M23 10M**
For DIN-rail or for screw	SCR	0.5 - 10 s	Fast-ON	**EAS S M23 10S F**
	SCR	0.1 -1 m	Fast-ON	**EAS S M23 1M F**
	SCR	1 - 10 m	Fast-ON	**EAS S M23 10M F**

Time Specifications

Time ranges	
10 s	0.5 - 10 s
1 m	0.1 - 1 m
10 m	1 - 10 m
Time range accuracy	max. setting: actual time ≥ max. set time min. setting: actual time ≤ min. set time
Repeat accuracy	≤ 0.2%
Time variation	
Within rated power supply	≤ 0.1%/V
and ambient temperature	≤ 0.2%/°C
Reset	
Time and output	Power supply interruption ≥ 200 ms

Output Specifications

Output	SCR
Output current	
Maximum load current	
(screw terminals)	500 mA
(Fast-ON connection)	700 mA
Maximum current for 100 ms	
(screw terminals)	5.5 A
(Fast-ON connection)	7 A
Minimum load current	10 mA
Leakage current	≤ 3.5 mA @ 230 V typ.: 2 m
Voltage drop	≤ 8 VAC/DC typ.: 5 VAC/DC @ 50 mA

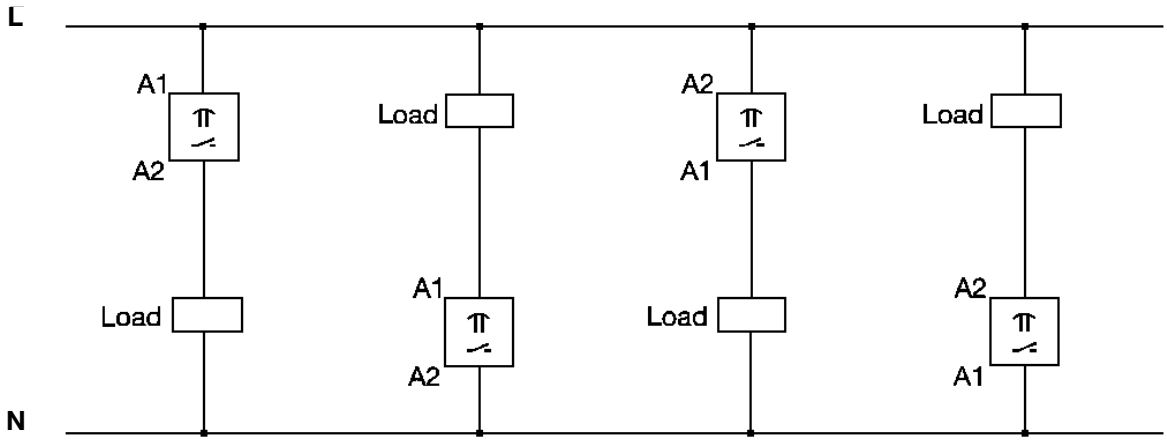
Supply Specifications

Power supply	Overvoltage cat. III (IEC 60664) (IEC 60038)
Rated operational voltage	24-230 VAC/DC, -10/+15%
Rated insulation voltage	None

General Specifications

Power ON delay	≤ 100 ms
Power OFF delay	≥ 200 ms
Environment	
Degree of protection	IP 20
Pollution degree	3
Operating temperature	-20° to +50°C (-4° to +122°F)
Storage temperature	-30° to +80°C (-22° to +176°F)
Weight	50 g
Housing	
Dimensions (screw connection)	22.5 x 56 x 49 mm
Max. screws tightening torque	0.5 Nm
Dimensions (Fast-ON connection)	22.5 x 56 x 49 mm
Material	ABS
Approvals	UL, CSA
CE Marking	Yes
EMC	Electromagnetic compatibility
Immunity	Acc. to IEC 60801-4 Acc. to IEC 60801-5

Wiring Diagram



Operation Diagram



Dimensions

