

TIMING RELAY, SOLID-STATE, OFF-DELAY,
2 CO CONTACTS, W/O AUX.VOLTAGE,
9 TIME SETTING RANGES 0.05S...600S,
24-240V AC/DC, WITH LED, SCREW TERMINAL

General technical data:		
product brand name		SIRIUS
Product designation		timing relay
Protection class IP / of the terminal		IP20
mounting position		any
Product function		
• at the relay outputs / changeover delayed/without delay		No
Product component / semi-conductor output		No
Product extension / optional / remote control		No
Product extension / strictly required / remote control		No
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during storage	°C	-40 ... +85
• during operating	°C	-25 ... +60
• during transport	°C	-40 ... +85
Relative humidity		
• during operating phase	%	15 ... 70
Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4		2 kV network connection / 1 kV control connection
Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5		2 kV
Conductor-bound parasitic coupling conductor-conductor SURGE / according to IEC 61000-4-5		1 kV
Electrostatic discharge / according to IEC 61000-4-2		4 kV contact discharge / 8 kV air discharge
Field-bound parasitic coupling / according to IEC 61000-4-3		10 V/m
Impulse voltage resistance / rated value	V	4,000
Active power loss / total / typical	W	2
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
Reference code / according to DIN EN 61346-2		K
Category / according to EN 954-1		none
Protection against electrical shock		finger-safe

Switching Function:**Switching function**

- slow-operating
- making pulse contact
- relapse delayed
- with control signal
 - additive ON delay
 - passing break contact
 - OFF delay
- slow-operating/instantaneous contact
- with control signal
 - OFF delay/instantaneous
 - ON delay/OFF delay/instantaneous
- making pulse contact/instantaneous contact
- with control signal
 - passing break contact/instantaneous
 - pulse-shaping/instantaneous

No

No

Yes

No

No

No

No

No

No

No

No

No

Adjustable time

/ s

600

Control circuit/ Control:**Voltage type / of control feed voltage**

AC/DC

Control supply voltage frequency

- 1

Hz

50 ... 60

Control supply voltage

- 1

- at 50 Hz

- for AC

V

24 ... 240

- at 60 Hz

- for AC

V

24 ... 240

- for DC

V

24 ... 240

Operating range factor control supply voltage rated value

- at 50 Hz

- for AC

0.85 ... 1.1

- at 60 Hz

- for AC

0.85 ... 1.1

- for DC

0.85 ... 1.1

Auxiliary circuit:**Operating current / of auxiliary contacts**

- as normally closed contact / for AC-15

• at 24 V	A	3
• at 250 V	A	3
• as normally open contact / for AC-15		
• at 24 V	A	3
• at 250 V	A	3
• at AC-15		
• maximum	A	3
• at DC-13		
• at 24 V	A	1
• at 125 V	A	0.2
• at 250 V	A	0.1
Number of NC contacts / delayed switching		0
Number of NC contacts / non-delayed		0
Number of NO contacts / delayed switching		0
Number of NO contacts / non-delayed		0
Number of change-over switches / delayed switching		2
Number of change-over switches / non-delayed		0

Short-circuit:

Design of the fuse link / for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 4 A
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail

Installation/ mounting/ dimensions:

Width	mm	22.5
Height	mm	102
Depth	mm	91
Distance, to be maintained, to the ranks assembly		
• upwards	mm	0
• forwards	mm	0
• sideways	mm	0
• backwards	mm	0
• downwards	mm	0
Distance, to be maintained, to earthed part		
• backwards	mm	0
• sideways	mm	0
• upwards	mm	0
• forwards	mm	0
• downwards	mm	0
Distance, to be maintained, conductive elements		

- downwards
- backwards
- sideways
- forwards
- upwards

mm	0
mm	0
mm	0
mm	0
mm	0

Connections/ terminals:

Design of the electrical connection

- for auxiliary and control current circuit

screw-type terminals

General Product Approval

Declaration of Conformity

Test Certificates



CCC



CSA



UL



EG-Konf.

[Special Test
Certificate](#)

Shipping Approval



DNV



GL



LRS



PRS



RINA

Shipping Approval

other



RMRS

[Confirmation](#)

[other](#)

[Environmental
Confirmations](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

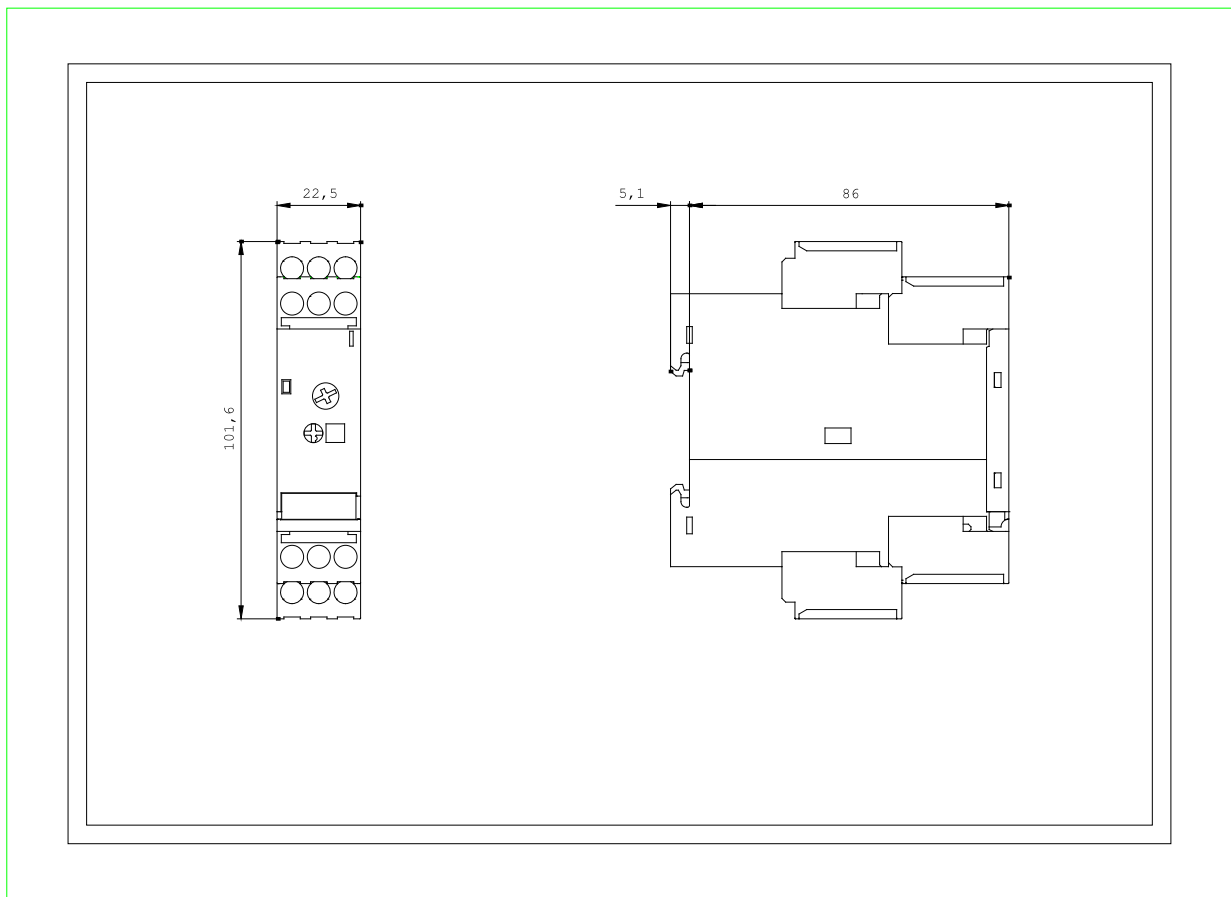
<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RP1540-1BW31/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RP1540-1BW31



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