

TIME RELAY, MULTIFUNCTIONAL,
SPRING-LOADED TERMINAL,
1 CHANGEOVER CONTACT, ON-DELAY,
1 TIME RANGE, 1.5 TO 30S,
AC/DC 24V/AC 200 TO 240V

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

Yes

No

No

No

No

No

No

No

No

No

No

No

Adjustable time

s

1.5 ... 30

Control circuit/ Control:

Voltage type / of control feed voltage

AC/DC

Control supply voltage frequency

- 1

Hz

50 ... 60

Control supply voltage

- 1
 - for AC / at 50 Hz / rated value
 - for AC / at 60 Hz / rated value
 - for DC / rated value
- 2
 - at 50 Hz
 - for AC
 - at 60 Hz
 - for AC

V

24

V

24

V

24

V

200 ... 240

V

200 ... 240

Operating range factor control supply voltage rated value

- at 50 Hz
 - for AC
- at 60 Hz
 - for AC
- for DC

0.85 ... 1.1

0.85 ... 1.1

0.85 ... 1.1

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

- as normally closed contact / for AC-15
 - at 24 V
 - at 250 V
- as normally open contact / for AC-15
 - at 24 V
 - at 250 V
- at AC-15
 - maximum
- at DC-13
 - at 24 V
 - at 125 V
 - at 250 V

A	3
A	3
A	3
A	3
A	3
A	1
A	0.2
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

1

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 84

Depth

mm 91

Distance, to be maintained, to the ranks assembly

- upwards
- forwards
- sideways
- backwards
- downwards

mm	0
mm	0
mm	0
mm	0
mm	0

Distance, to be maintained, to earthed part

- backwards
- sideways
- upwards

mm	0
mm	0
mm	0

• forwards	mm	0
• downwards	mm	0
Distance, to be maintained, conductive elements		
• downwards	mm	0
• backwards	mm	0
• sideways	mm	0
• forwards	mm	0
• upwards	mm	0

Connections/ terminals:

Design of the electrical connection

- for auxiliary and control current circuit

spring-loaded terminals

General Product Approval

Declaration of Conformity

Test Certificates



[Special Test Certificate](#)

Shipping Approval



Shipping Approval

other



[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

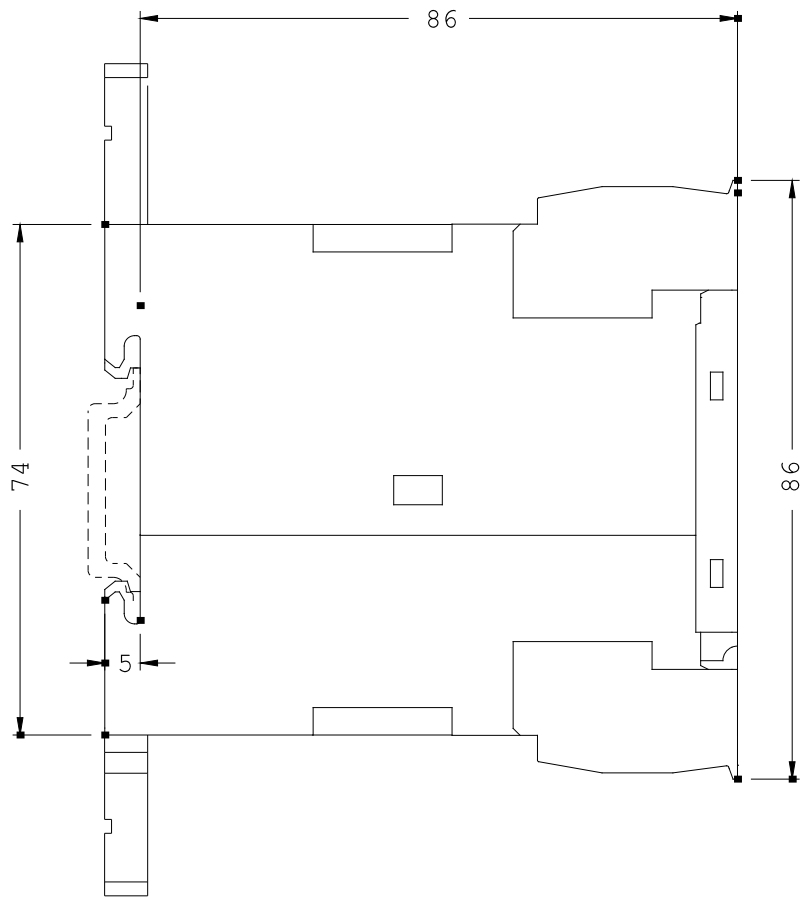
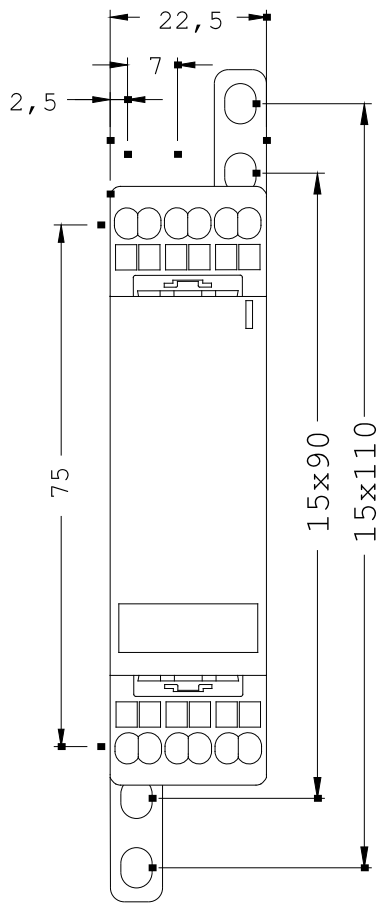
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RP1512-2AP30/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RP1512-2AP30



last change:

Aug 4, 2014