

TIME RELAY,  
STAR-DELTA SINGLE TIME RANGE 20 S AC 24 V DC  
200...240 V 0.7...1.25 US

**General technical data:**

<b>product brand name</b>		SIRIUS
<b>Product designation</b>		timing relay
<b>mounting position</b>		any
<b>Product component / semi-conductor output</b>		No
<b>Product extension / optional / remote control</b>		No
<b>Product extension / strictly required / remote control</b>		No
<b>Installation altitude / at a height over sea level / maximum</b>	m	2,000
<b>Ambient temperature</b>		
• during storage	°C	-40 ... +85
• during operating	°C	-25 ... +60
• during transport	°C	-40 ... +85
<b>Relative humidity</b>		
• during operating phase	%	10 ... 95
<b>Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4</b>		2 kV network connection / 1 kV control connection
<b>Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5</b>		2 kV
<b>Conductor-bound parasitic coupling conductor-conductor SURGE / according to IEC 61000-4-5</b>		1 kV
<b>Electrostatic discharge / according to IEC 61000-4-2</b>		4 kV contact discharge / 8 kV air discharge
<b>Field-bound parasitic coupling / according to IEC 61000-4-3</b>		10 V/m
<b>Impulse voltage resistance / rated value</b>	V	4,000
<b>Active power loss / total / typical</b>	W	2
<b>Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</b>		K
<b>Reference code / according to DIN EN 61346-2</b>		K
<b>Category / according to EN 954-1</b>		none
<b>Protection against electrical shock</b>		finger-safe

**Switching Function:**

<b>Switching function</b>		
• slow-operating		No
• making pulse contact		No

<ul style="list-style-type: none"> <li>• relapse delayed</li> </ul>		No
<ul style="list-style-type: none"> <li>• with control signal <ul style="list-style-type: none"> <li>• additive ON delay</li> <li>• passing break contact</li> <li>• OFF delay</li> </ul> </li> </ul>		No
<ul style="list-style-type: none"> <li>• slow-operating/instantaneous contact</li> </ul>		No
<ul style="list-style-type: none"> <li>• with control signal <ul style="list-style-type: none"> <li>• OFF delay/instantaneous</li> <li>• ON delay/OFF delay/instantaneous</li> </ul> </li> </ul>		No
<ul style="list-style-type: none"> <li>• making pulse contact/instantaneous contact</li> </ul>		No
<ul style="list-style-type: none"> <li>• with control signal <ul style="list-style-type: none"> <li>• passing break contact/instantaneous</li> <li>• pulse-shaping/instantaneous</li> </ul> </li> </ul>		No
<b>Adjustable time</b>	s	1 ... 20

#### Control circuit/ Control:

<b>Voltage type / of control feed voltage</b>		AC/DC
<b>Control supply voltage frequency</b>		
<ul style="list-style-type: none"> <li>• 1</li> </ul>	Hz	50 ... 60
<b>Control supply voltage</b>		
<ul style="list-style-type: none"> <li>• 1 <ul style="list-style-type: none"> <li>• for AC / at 50 Hz / rated value</li> <li>• for AC / at 60 Hz / rated value</li> <li>• for DC / rated value</li> </ul> </li> <li>• 2 <ul style="list-style-type: none"> <li>• at 50 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> <li>• at 60 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> </ul> </li> </ul>	V	24
	V	24
	V	24
	V	200 ... 240
	V	200 ... 240
<b>Operating range factor control supply voltage rated value</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> <li>• at 60 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> <li>• for DC</li> </ul>		0.85 ... 1.1
		0.85 ... 1.1
		0.85 ... 1.1

#### Auxiliary circuit:

<b>Operating current / of auxiliary contacts</b>		
<ul style="list-style-type: none"> <li>• at DC-13</li> <li>• at 24 V</li> <li>• at 125 V</li> </ul>	A	1
	A	0.2

• at 250 V	A	0.1
<b>Number of NC contacts / delayed switching</b>		0
<b>Number of NC contacts / non-delayed</b>		0
<b>Number of NO contacts / delayed switching</b>		1
<b>Number of NO contacts / non-delayed</b>		1
<b>Number of change-over switches / delayed switching</b>		0
<b>Number of change-over switches / non-delayed</b>		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 83

**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
- forwards
- downwards

mm 0  
mm 0  
mm 0  
mm 0  
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



UL

[Special Test  
Certificate](#)

Shipping Approval



DNV



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

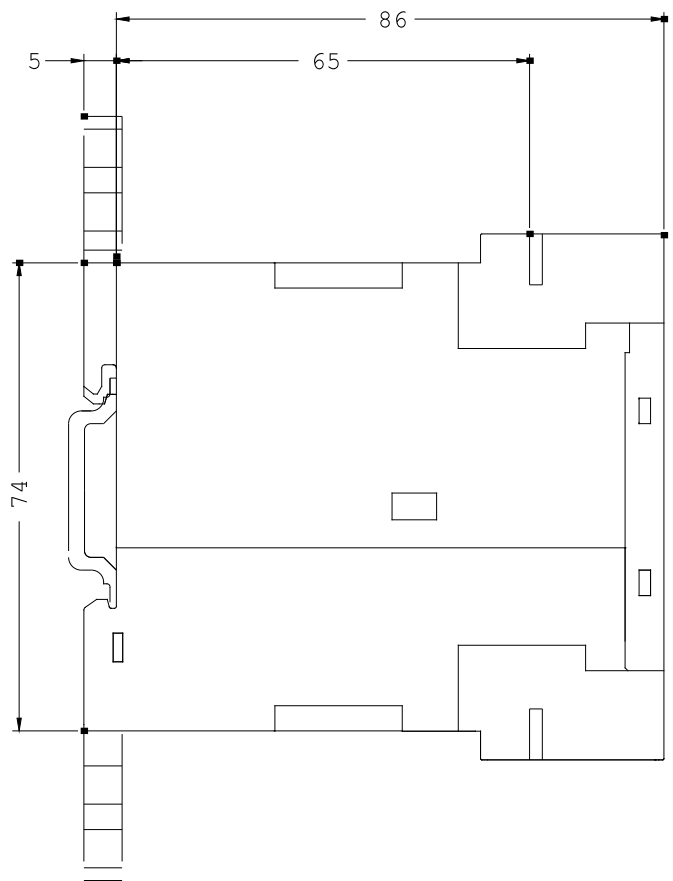
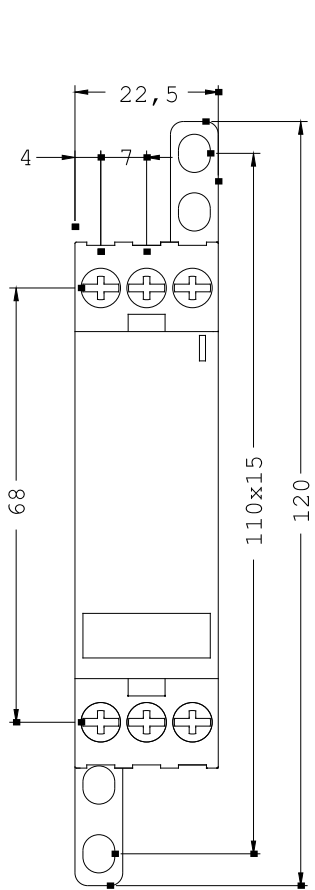
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RP1574-1NP30/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RP1574-1NP30](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RP1574-1NP30)



last change:

Sep 8, 2014