

TIME RELAY, ELECTRONIC, ON-DELAY, 1 CO, 1
TIME RANGE 0.05S...1S, AC 24, 230V AND DC 24V,
WITH LED, SCREW TERMINAL



General technical data

product brandname		SIRIUS
Product designation		timing relay
Adjustable time	s	0.05 ... 1
Degree of pollution		2
Mounting position		any
Product function		<ul style="list-style-type: none">• at the relay outputs Switchover delayed/without delay
Product component semi-conductor output		No
Product extension		<ul style="list-style-type: none">• optional remote control• required remote control
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during storage	°C	-40 ... +70
• during operation	°C	-25 ... +55
• during transport	°C	-40 ... +70

Relative humidity during operation	%	15 ... 85
Conducted interference due to burst acc. to IEC 61000-4-4		2 kV network connection / 1 kV control connection
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5		2 kV
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5		1 kV
Electrostatic discharge acc. to IEC 61000-4-2		4 kV contact discharge / 8 kV air discharge
Field-bound parasitic coupling acc. to IEC 61000-4-3		10 V/m
Surge voltage resistance rated value	V	4 000
Power loss [W] total typical	W	2
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		K

Switching Function

Switching function		
• passing make contact		No
• OFF delay		No
• ON-delay/instantaneous contact		No
• passing make contact/instantaneous contact		No
• ON-delay		Yes
• with control signal		
— passing break contact		No
— OFF delay		No
— passing break contact/instantaneous		No
— OFF delay/instantaneous		No
— additive ON delay		No
— ON-delay/OFF-delay/instantaneous		No
— ON-delay/OFF-delay		No
— pulse-shaping/instantaneous		No
— pulse-shaping		No

Control circuit/ Control

Type of voltage of the control supply voltage		AC/DC
Control supply voltage frequency 1	Hz	50 ... 60
Control supply voltage 1		
• at AC		
— at 50 Hz	V	200 ... 240
— at 60 Hz	V	200 ... 240
— rated value	V	24
Control supply voltage 2 at AC		
• at 50 Hz rated value	V	24
• at 60 Hz rated value	V	24

Auxiliary circuit

Operating current of auxiliary contacts		
• at AC-15		
— at 24 V	A	3
— at 250 V	A	3
• at DC-13		
— at 24 V	A	1
— at 125 V	A	0.22
— at 250 V	A	0.1
— maximum	A	1
Number of NC contacts		
• delayed switching		0
• instantaneous contact		0
Number of NO contacts		
• delayed switching		0
• instantaneous contact		0
Number of CO contacts		
• delayed switching		1
• instantaneous contact		0

Short-circuit protection

Design of the fuse link for short-circuit protection of the auxiliary switch required		fuse gL/gG: 4 A
---	--	-----------------

Installation/ mounting/ dimensions

Mounting type		snap-on fastening on 35 mm standard rail
Width	mm	17.5
Height	mm	90
Depth	mm	66.7
Required spacing		
• with side-by-side mounting		
— upwards	mm	0
— downwards	mm	0
— forwards	mm	0
— Backwards	mm	0
— at the side	mm	0
• for grounded parts		
— upwards	mm	0
— downwards	mm	0
— forwards	mm	0
— Backwards	mm	0
— at the side	mm	0
• for live parts		

— upwards	mm	0
— downwards	mm	0
— forwards	mm	0
— Backwards	mm	0
— at the side	mm	0

Connections/Terminals

Type of electrical connection

- for auxiliary and control current circuit

screw-type terminals

Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	other
--------------------------	---------------------------	-------------------	-------



CCC



UL



EG-Konf.

[Type Test Certificates/Test Report](#)

[Confirmation](#)

Safety related data

Category acc. to EN 954-1

none

Protection against electrical shock

finger-safe

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7PV1511-1AP30>

Cax online generator

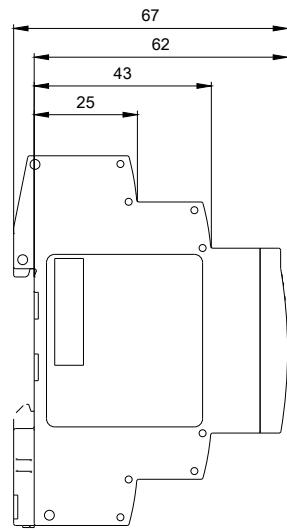
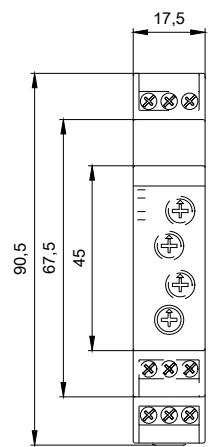
<http://support.automation.siemens.com/WW/CAOrder/default.aspx?lang=en&mlfb=7PV1511-1AP30>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7PV1511-1AP30>

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

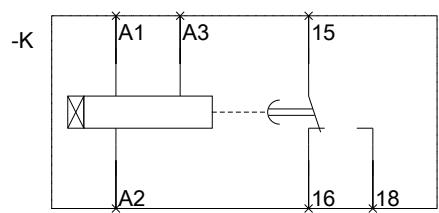
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=7PV1511-1AP30&lang=en



Alle Bemessungswerte sind in Millimeter (mm) angegeben
All dimensions are in millimeters (mm)



ZEITRELA
ANSPRECH
1 WECHSE



TIME RELA
1 CHANGE

last modified:

10/24/2017