

TIME RELAY, ON-DELAY, 1CO, TIME RANGE 5 S...100 S, AC 24,110 V AND DC 24 V, WITH LED



General technical data		
product brandname		SIRIUS
Product designation		timing relay
Adjustable time	s	5 ... 100
Degree of pollution		2
Mounting position		any
Product function		
<ul style="list-style-type: none"> at the relay outputs Switchover delayed/without delay 		No
Product component semi-conductor output		No
Product extension		
<ul style="list-style-type: none"> optional remote control 		No
<ul style="list-style-type: none"> required remote control 		No
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
<ul style="list-style-type: none"> during storage 	°C	-40 ... +70
<ul style="list-style-type: none"> during operation 	°C	-25 ... +55
<ul style="list-style-type: none"> 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	100 ... 127
— at 60 Hz	V	100 ... 127
— 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		
<ul style="list-style-type: none"> • at AC-15 <ul style="list-style-type: none"> — at 24 V — at 250 V • at DC-13 <ul style="list-style-type: none"> — at 24 V — at 125 V — at 250 V — maximum 	<ul style="list-style-type: none"> A A A A A A 	<ul style="list-style-type: none"> 3 3 1 0.22 0.1 1
Number of NC contacts		
<ul style="list-style-type: none"> • delayed switching • instantaneous contact 		<ul style="list-style-type: none"> 0 0
Number of NO contacts		
<ul style="list-style-type: none"> • delayed switching • instantaneous contact 		<ul style="list-style-type: none"> 0 0
Number of CO contacts		
<ul style="list-style-type: none"> • delayed switching • instantaneous contact 		<ul style="list-style-type: none"> 1 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		
<ul style="list-style-type: none"> • with side-by-side mounting <ul style="list-style-type: none"> — upwards — downwards — forwards — Backwards — at the side • for grounded parts <ul style="list-style-type: none"> — upwards — downwards — forwards — Backwards — at the side • for live parts 	<ul style="list-style-type: none"> mm mm mm mm mm mm mm mm mm mm mm mm mm 	<ul style="list-style-type: none"> 0 0 0 0 0 0 0 0 0 0 0 0 0




— 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=7PV1513-1AQ30>

Cax online generator

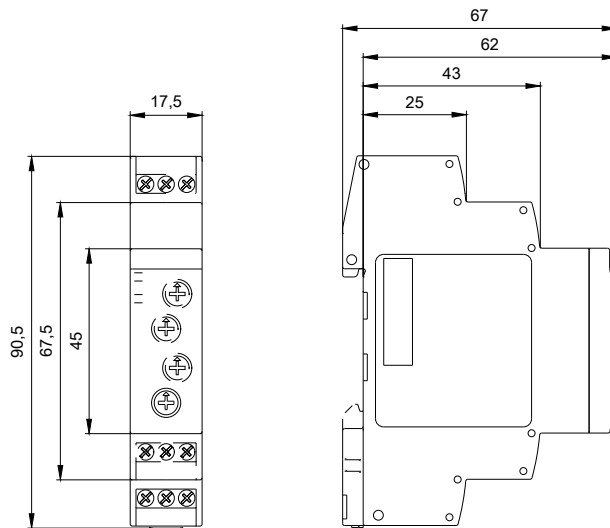
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=7PV1513-1AQ30>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7PV1513-1AQ30>

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

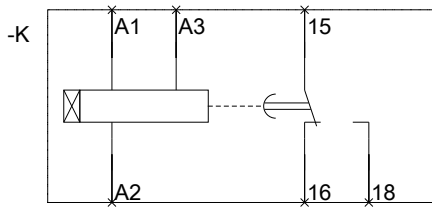
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=7PV1513-1AQ30&lang=en



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



ZEITRELA
ANSPRECH
1 WECHSEL



TIME REL
1 CHANGE

last modified:

10/24/2017