



TIME RELAY, SOLID-STATE MULTI-FUNCTION 1
CHANGEOVER CONTACT, 7 FUNCTIONS, 7 TIME
SETTING RANGES 0.05S...100H, AC/DC 12... 240 V,
WITH LED, SCREW TERMINAL

General technical data:		
product brand name		SIRIUS
Product designation		timing relay
Adjustable time	s	0.05 ... 360 000
Protection class IP		
• of the terminal		IP20
Degree of pollution		2
mounting position		any
Product function		
• at the relay outputs Switchover delayed/without delay		No
Product component semi-conductor output		No
Product expansion		
• optional remote control		No
• required remote control		No
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
Active power loss 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		Yes
• OFF delay		No
• with control signal		
— passing break contact		Yes
— OFF delay		Yes
— additive ON delay		Yes
— passing break contact/instantaneous		No
— OFF delay/instantaneous		No
— ON-delay/OFF-delay/instantaneous		No
— pulse-shaping/instantaneous		No
— pulse-shaping		No
• ON-delay/instantaneous contact		No
• passing make contact/instantaneous contact		No
• ON-delay		Yes

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	12 ... 240
— at 60 Hz	V	12 ... 240
• at DC	V	12 ... 240

Auxiliary circuit:

Operating current of the auxiliary contacts		
--	--	--

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

Short-circuit:

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 — downwards — forwards — Backwards — at the side • for grounded parts — upwards — downwards — forwards — Backwards — at the side • for live parts — upwards — downwards	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0
	mm	0

- forwards
- Backwards
- at the side

mm	0
mm	0
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



CCC



UL



EG-Konf.

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)

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

Cax online generator

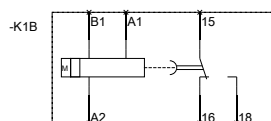
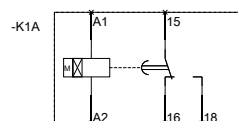
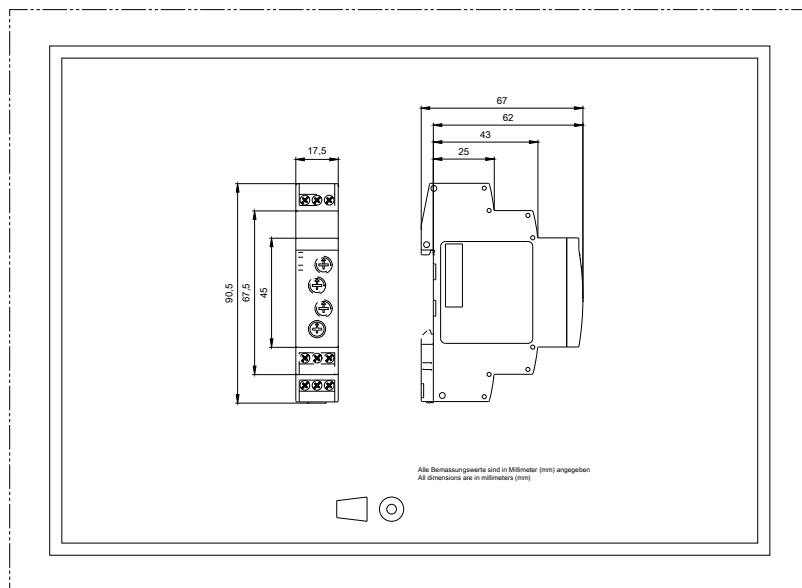
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=7PV15081AW30>

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

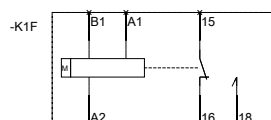
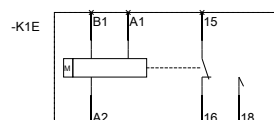
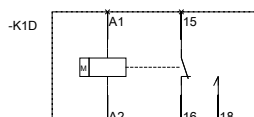
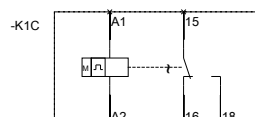
<https://support.industry.siemens.com/cs/ww/en/ps/7PV15081AW30>

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

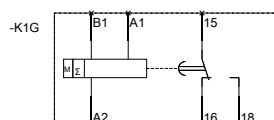
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=7PV15081AW30&lang=en



ZEITRELAIS, MULTIFUNKTION,
7 FUNKTIONEN



TIME RELAY, MULTIFUNCTIONAL,
1 CHANGE-OVER CONTACT,
7 FUNCTIONS



last modified:

17.07.2015