

TIMING RELAY,
PROCESSOR BASIS OFF-DELAY,
WITHOUT AUXILIARY VOLTAGE,
2 CO CONTACTS, 0.05S...600S,
100...127V AC/DC SPRING-LOADED TERMINAL,

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		No
• making pulse contact		No
• relapse delayed		Yes
• with control signal		
• additive ON delay		No
• passing break contact		No
• OFF delay		No
• slow-operating/instantaneous contact		No
• with control signal		
• OFF delay/instantaneous		No
• ON delay/OFF delay/instantaneous		No
• making pulse contact/instantaneous contact		No
• with control signal		
• passing break contact/instantaneous		No
• pulse-shaping/instantaneous		No

Adjustable time

/ s 600

Control circuit/ Control:**Voltage type / of control feed voltage**

AC/DC

Control supply voltage frequency

• 1	Hz	50 ... 60
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Operating range factor control supply voltage rated value

• at 50 Hz		
• for AC		0.85 ... 1.1
• at 60 Hz		
• for AC		0.85 ... 1.1
• for DC		0.85 ... 1.1

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

• as normally closed contact / for AC-15		
• at 24 V	A	3
• at 250 V	A	3
• as normally open contact / for AC-15		
• at 24 V	A	3
• at 250 V	A	3
• at AC-15		
• maximum	A	3

• at DC-13		
• at 24 V	A	1
• at 125 V	A	0.2
• at 250 V	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		2
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	103
Depth	mm	91
Distance, to be maintained, to the ranks assembly		
• upwards	mm	0
• forwards	mm	0
• sideways	mm	0
• backwards	mm	0
• downwards	mm	0
Distance, to be maintained, to earthed part		
• backwards	mm	0
• sideways	mm	0
• upwards	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

General Product Approval			Declaration of Conformity	Test Certificates	
 CCC	 CSA		 UL	 EG-Konf.	Special Test Certificate
Shipping Approval					
 BUREAU VERITAS	 DNV	 GL	 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/3RP1540-2BJ31/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RP1540-2BJ31

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