

SOLID-STATE TIME RELAY OFF-DELAY WITH
AUXILIARY VOLTAGE AND SEMICONDUCTOR
OUTPUT 24...90V AC/DC TIME RANGE 0.05...100S
FOR SNAPPING ONTO THE FRONT; FOR 3RT2
CONTACTORS, S2 SPRING-LOADED TERMINALS



Figure similar

General technical data:		
product brand name		SIRIUS
Product designation		timing relay
Size of contactor can be combined company-specific		S00, S0, S2
Protection class IP of the terminal		IP20
Degree of pollution		3
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during storage	°C	-40 ... +85
• during operation	°C	-25 ... +60
• during transport	°C	-40 ... +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		8 kV
Field-bound parasitic coupling acc. to IEC 61000-4-3		10 V/m

Surge voltage resistance rated value	kV	4
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
Adjustable time	s	0.05 ... 100
Switching function • ON-delay • passing make contact • fixed clock cycle beginning with pulse • fixed clock cycle beginning with interval • OFF delay • variably clocked start with impulse • variably clocked start with interval		No No No No Yes No No
Switching function • with control signal — additive ON delay — passing break contact — OFF delay — pulse-shaping		No No Yes No
Product component semi-conductor output		Yes
Product expansion • optional remote control • required remote control		No No
Product function • star-delta circuit		No

Control circuit/ Control:

Design of the surge suppressor		with varistor
Type of voltage of the control supply voltage		AC/DC
Control supply voltage frequency 1	Hz	50 ... 60
Control supply voltage 1 • at DC • at AC — at 50 Hz — at 60 Hz	V V V	24 ... 90 24 ... 90 24 ... 90

Installation/ mounting/ dimensions:

Mounting position		any (like contactor)
Mounting type		clip-on
Width	mm	45
Height	mm	38
Depth	mm	74
Required spacing with side-by-side mounting • upwards	mm	0

• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0
Required spacing for grounded parts		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0
Required spacing 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
Product function removable terminal for auxiliary and control circuit		Yes

Certificates/ approvals:

General Product Approval	Test Certificates	other
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[Typprüfbescheinigung/Werkszeugnis](#)

[Umweltbestätigung](#)

[Bestätigungen](#)

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

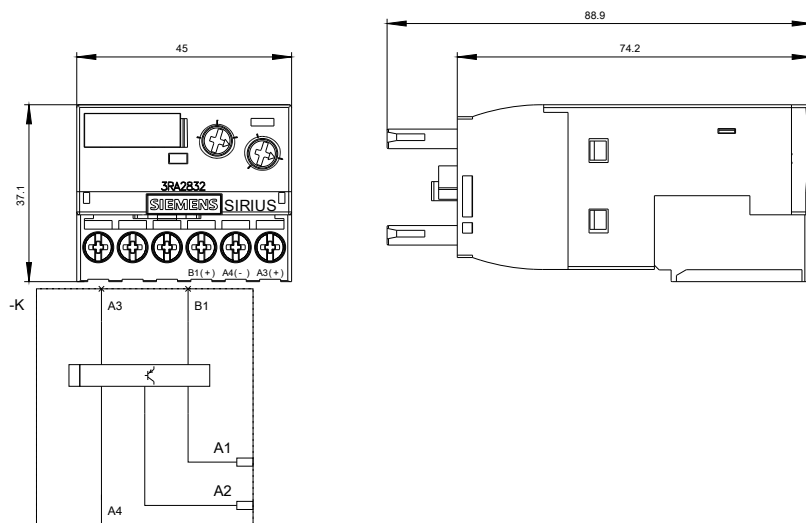
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA28321DG10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA28321DG10>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA28321DG10&lang=en



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