



SOLID-STATE TIME RELAY ON-DELAY WITH SEMICONDUCTOR OUTPUT 24...240V AC/DC, TIME RANGE 0.05...100S, FOR SNAPPING ONTO THE FRONT, FOR 3RT2 CONTACTORS S00/S0 SCREW TERMINALS INTEGRATED VARISTOR FOR DAMPING CONTACTOR COILS

General technical data:

product brand name		SIRIUS
Product designation		timing relay
Size of contactor can be combined company-specific		S00, S0
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		Yes No No No No No No
Switching function		
• with control signal — additive ON delay — passing break contact — OFF delay — pulse-shaping		No No No 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		
• for DC	V	24 ... 240
• with AC — at 50 Hz — at 60 Hz	V V	24 ... 240 24 ... 240

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 • downwards • forwards • Backwards • at the side	mm mm mm mm mm	0 0 0 0 0
Required spacing for grounded parts		

- upwards
- downwards
- forwards
- Backwards
- at the side

mm	0
mm	0
mm	0
mm	0
mm	0

Required spacing for live parts

- upwards
- downwards
- forwards
- Backwards
- at the side

mm	0
mm	0
mm	0
mm	0
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

[Type Test
Certificates/Test
Report](#)

[Special Test
Certificate](#)

Shipping Approval



Shipping Approval



other

[Environmental
Confirmations](#)

[Declaration of
Conformity](#)

other

[other](#)

Further information

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

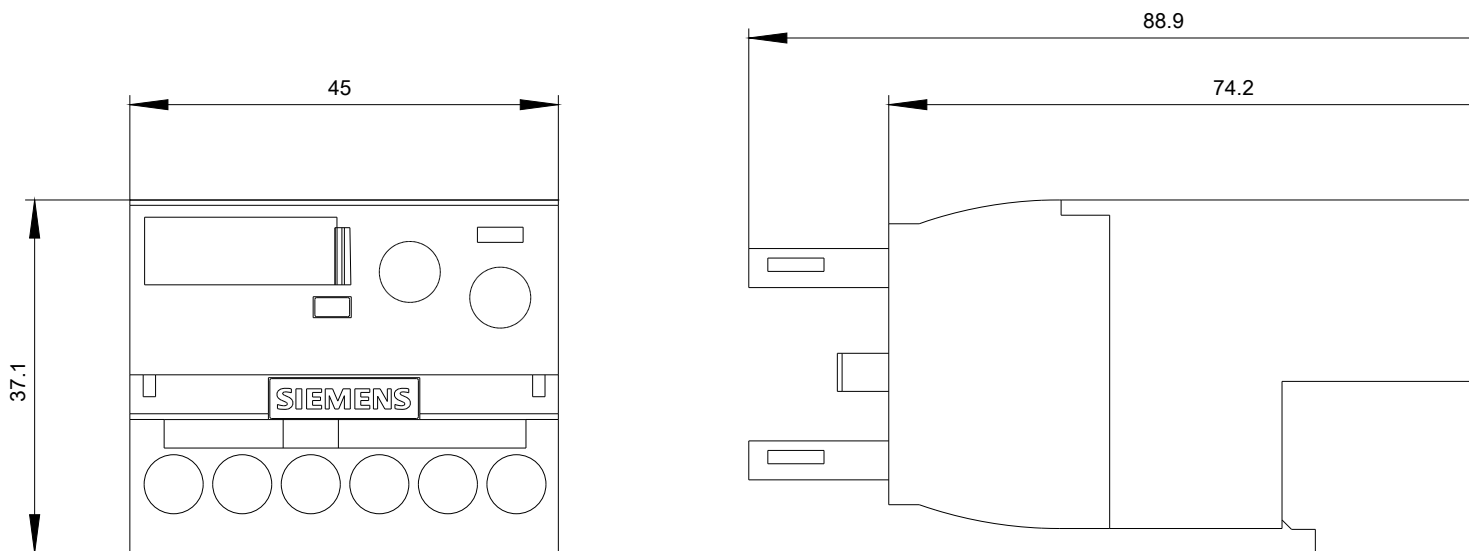
<http://www.siemens.com/industrial-controls/catalogs>

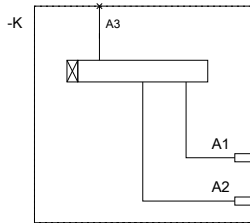
Industry Mall (Online ordering system)

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

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA28111CW10>





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