

SOLID-STATE TWO-WIRE TIME RELAY SETTING RANGE
5 S...100 S,
AC/DC 90...240 V, ON-DELAY,
WITH VARISTOR,
FOR MOUNTING ONTO CONTACTORS SIZES00



General technical data:		
product brand name		SIRIUS
product designation		timing relay
Design of the product		slow-operating
type of voltage		AC
Size of the contactor / can be combined / company-specific		S00
Product function		
• star-delta circuit		No
• at the relay outputs / changeover delayed/without delay		No
Product component / semi-conductor output		Yes
Product extension / optional / remote control		No
Product extension / strictly required / remote control		No
Adjustable time	s	5 ... 100
Ambient temperature		
• during operating	°C	-25 ... +60
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K

Switching Function:

Switching function		
• slow-operating		Yes
• making pulse contact		No
• firmly clocked beginning with pulse		No
• firmly clocked beginning with pause		No
• relapse delayed		No
• variably clocked start with impulse		No
• impuls variably clocked start with pause		No
• with auxiliary voltage		
• in an additive way slow-operating		No
• temporary line fault		No
• relapse delayed		No
• without auxiliary voltage / relapse delayed		No

Auxiliary circuit:

Supply voltage frequency / for auxiliary and control current circuit		
• rated value	Hz	50 ... 60
Supply voltage / strictly required / auxiliary voltage		No
Control supply voltage		
• at 50 Hz / at AC		
• rated value	V	90 ... 240
• at 60 Hz / at AC		
• rated value	V	90 ... 240

Installation/mounting/dimensions:

Width	mm	45
Height	mm	38
Depth	mm	38

Connections:

Design of the electrical connection		
• jumper socket		No
• for auxiliary and control current circuit		screw-type terminals

Certificates/approvals:

General Product Approval	EMC	Functional Safety / Safety of Machinery
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CCC



CSA



GOST



UL



C-TICK

[Type Examination](#)

Declaration of Conformity

Test Certificates



EG-Konf.

[Special Test Certificate](#)

Shipping Approval



ABS



BUREAU VERITAS



DNV



GL



LRS



PRS

Shipping Approval

other



RINA



RMRS

[Confirmation](#)

[Declaration of Conformity](#)

[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

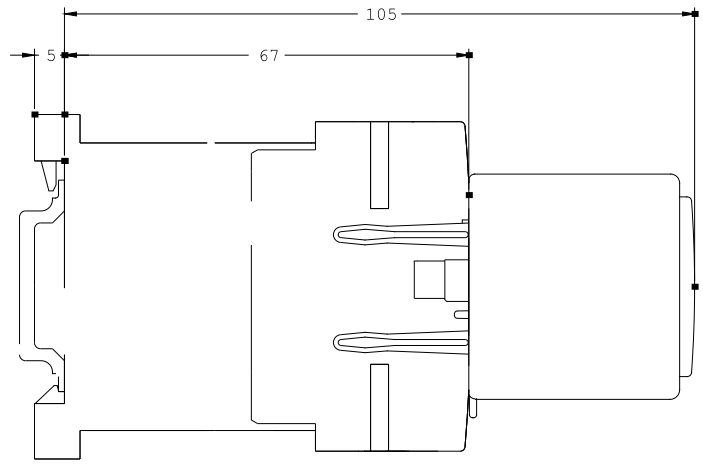
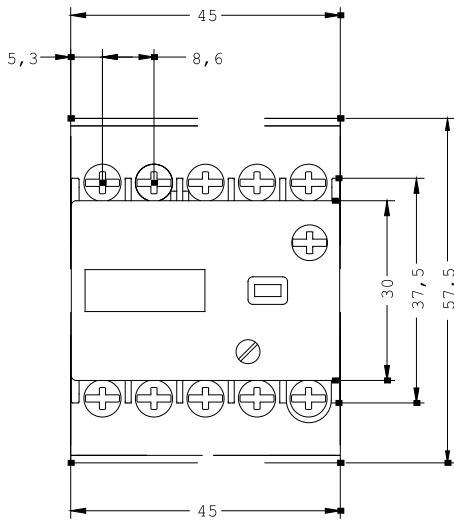
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RT1916-2CH31/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1916-2CH31



last change:

Feb 18, 2013