

SOLID-STATE TWO-WIRE TIME RELAY SETTING RANGE  
0.05 S...1 NO,  
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  | 0.05 ... 1     |
| Ambient temperature                                                             |    |                |
| • during operating                                                              | °C | -25 ... +60    |
| Reference code                                                                  |    |                |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |    | K              |
| • according to DIN EN 61346-2                                                   |    | K              |

Switching Function:

|                                                                             |    |                      |
|-----------------------------------------------------------------------------|----|----------------------|
| <b>Switching function</b>                                                   |    |                      |
| • 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 control signal                                                       |    |                      |
| • additive ON delay                                                         |    | No                   |
| • passing break contact                                                     |    | No                   |
| • OFF delay                                                                 |    | No                   |
| • without control signal / OFF delay                                        |    | No                   |
| <b>Auxiliary circuit:</b>                                                   |    |                      |
| <b>Supply voltage frequency / for auxiliary and control current circuit</b> |    |                      |
| • rated value                                                               | Hz | 50 ... 60            |
| <b>Supply voltage / strictly required / auxiliary voltage</b>               |    |                      |
|                                                                             |    | No                   |
| <b>Control supply voltage</b>                                               |    |                      |
| • at 50 Hz / at AC                                                          |    |                      |
| • rated value                                                               | V  | 90 ... 240           |
| • at 60 Hz / at AC                                                          |    |                      |
| • rated value                                                               | V  | 90 ... 240           |
| <b>Installation/mounting/dimensions:</b>                                    |    |                      |
| <b>Width</b>                                                                | mm | 45                   |
| <b>Height</b>                                                               | mm | 38                   |
| <b>Depth</b>                                                                | mm | 38                   |
| <b>Connections:</b>                                                         |    |                      |
| <b>Design of the electrical connection</b>                                  |    |                      |
| • jumper socket                                                             |    | No                   |
| • for auxiliary and control current circuit                                 |    | screw-type terminals |
| <b>Certificates/approvals:</b>                                              |    |                      |

|                          |     |                                               |
|--------------------------|-----|-----------------------------------------------|
| General Product Approval | EMC | Functional Safety /<br>Safety of<br>Machinery |
|--------------------------|-----|-----------------------------------------------|



CCC



CSA



UL



C-TICK

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Conformity

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EG-Konf.

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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

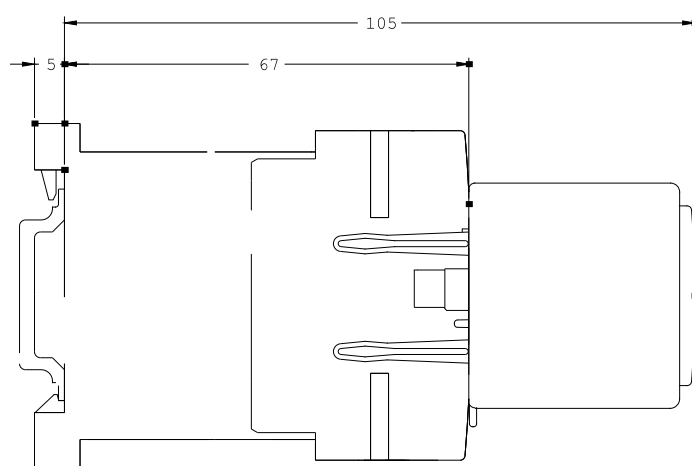
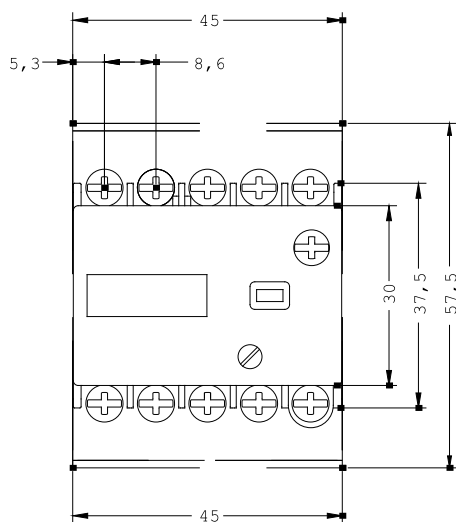
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RT1916-2CH11/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RT1916-2CH11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1916-2CH11)



last change:

Jun 16, 2014