



Surge suppressor (RC element) for 3RT1 S6, S10, S12 with screw terminal (drive)  
127...240 V AC, 150...250 V DC

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|
| product brand name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | SIRIUS                                   |
| product category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Surge suppressor                         |
| product designation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | RC element                               |
| product type designation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 3RT19                                    |
| suitability for use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | for 3RT1.5, 3RT1.6 and 3RT1.7 contactors |
| General technical data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                          |
| certificate of suitability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | CE / UL / CSA                            |
| Substance Prohibittance (Date)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 07/01/2006                               |
| Net Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 31 g                                     |
| type of voltage of the control supply voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | AC/DC                                    |
| control supply voltage at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                          |
| • at 50 Hz rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 127 ... 240 V                            |
| • at 60 Hz rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 127 ... 240 V                            |
| control supply voltage frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                          |
| • 1 rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 50 Hz                                    |
| • 2 rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 60 Hz                                    |
| control supply voltage at DC rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 150 ... 250 V                            |
| design of the surge suppressor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | RC element                               |
| Ambient conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                          |
| ambient temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                          |
| • during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | -25 ... +60 °C                           |
| • during storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | -40 ... +80 °C                           |
| Approvals Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                          |
| Environmental Product Declaration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                          |
| • global warming potential [CO2 eq] / during manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 0.187 kg                                 |
| • global warming potential [CO2 eq] / during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 23.2 kg                                  |
| • global warming potential [CO2 eq] / after end of life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 0.014 kg                                 |
| • global warming potential [CO2 eq] / total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | 23.4 kg                                  |
| Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | General Product Approval                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | Maritime application                     |
| <div><div><a href="#">Environmental Con-<br/>firmations</a></div><div></div><div></div><div></div><div></div><div></div></div> |  |                                          |
| Maritime application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | other                                    |



#### Further information

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1956-1CD00>

**Cax online generator**

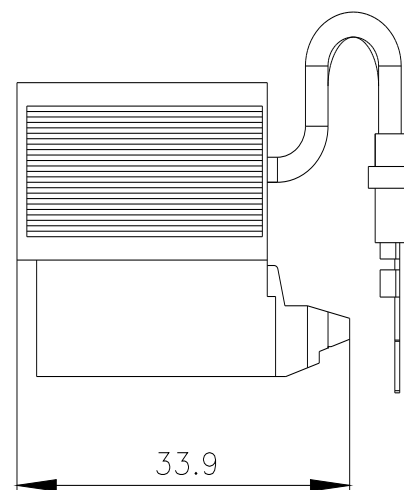
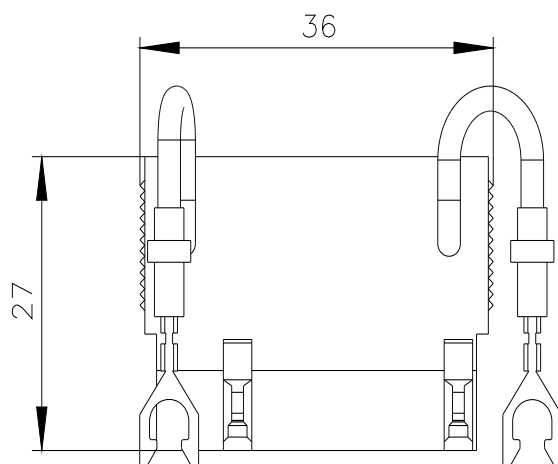
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1956-1CD00>

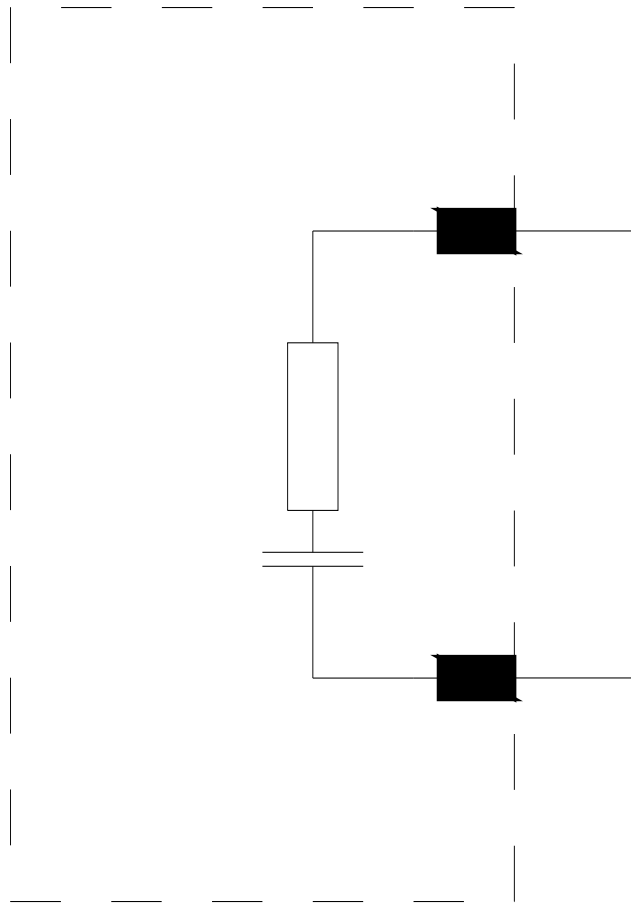
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3RT1956-1CD00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT1956-1CD00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1956-1CD00&lang=en)





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