



residual current device RCD520 basic RCD type A loadside mounted rated resid. current 0.03...5 A at 50/60 Hz adjustable tv 0...3000 ms 3-pole In=160 A Ue=100-480 V accessory for: 3VA1

| Model  |   |
|--|---|
| product brand name   | SENTRON                                   |
| product designation  | Residual current protection device type A |
| accessories  | Residual current protection module type A |
| General technical data   |   |
| fastening method   | screw fixing                              |
| number of poles  | 3   |
| protection class IP / on the front                               | IP40                                      |
| Voltage  |   |
| supply voltage / at AC   |   |
| • minimum  | 127 V                                     |
| • maximum  | 480 V                                     |
| Current  |   |
| operational current / at AC / rated value                        | 160 A                                     |
| response value / of the residual current                         | 0.03;0.05;0.1;0.3;0.5;1;3;5               |
| product function / communication with residual current equipment | No  |
| • product function / integrated / alarm management               | Yes                                       |
| • product function / integrated / alarm management               | Pre-alarm indication 30%                  |
| • product function / remote-controlled tripping                  | No  |
| • product feature / sealable                                     | Yes                                       |
| • product function / selectable tripping characteristic          | No  |
| • product function / selectable RCD or monitoring mode           | No  |
| position / of the infeed / on the RCD component                  | Top or bottom                             |
| type of electrical connection / for main current circuit         | busbar connection                         |
| set values / of the limit value of not tripping time             | 0;0.06;0.15;0.3;0.5;1.0;2.0;3.0           |
| type of trip indicator / electrical                              | Yes                                       |
| type of trip indicator / communication                           | No  |
| power loss [W] / maximum   | 6.1 W                                     |
| operating frequency / rated value / maximum                      | 60 Hz                                     |
| frequency / of fault current                                     |   |
| • minimum  | 50 Hz                                     |
| • maximum  | 60 Hz                                     |
| Mechanical Design  |   |
| height   | 100 mm                                    |
| width  | 76.2 mm                                   |
| depth  | 70 mm                                     |
| net weight   | 778 g                                     |

|   |        |
|---|--------|
| <b>Net Weight</b>                             | 760 g  |
| <b>Connections according UL</b>               |        |
| <b>ambient temperature / during operation</b> |        |
| • minimum                                     | -25 °C |
| • maximum                                     | 70 °C  |
| <b>ambient temperature / during storage</b>   |        |
| • minimum                                     | -40 °C |
| • maximum                                     | 80 °C  |

**Certificates**

**General Product Approval**



[Miscellaneous](#)



[Confirmation](#)

|                          |     |                   |                      |       |
|--------------------------|-----|-------------------|----------------------|-------|
| General Product Approval | EMV | Test Certificates | Maritime application | other |
|--------------------------|-----|-------------------|----------------------|-------|



[Type Test Certificates/Test Report](#)



[Miscellaneous](#)

[Confirmation](#)

**Dangerous goods Environment**

[Transport Information](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)



**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/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9113-0RL20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9113-0RL20>

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

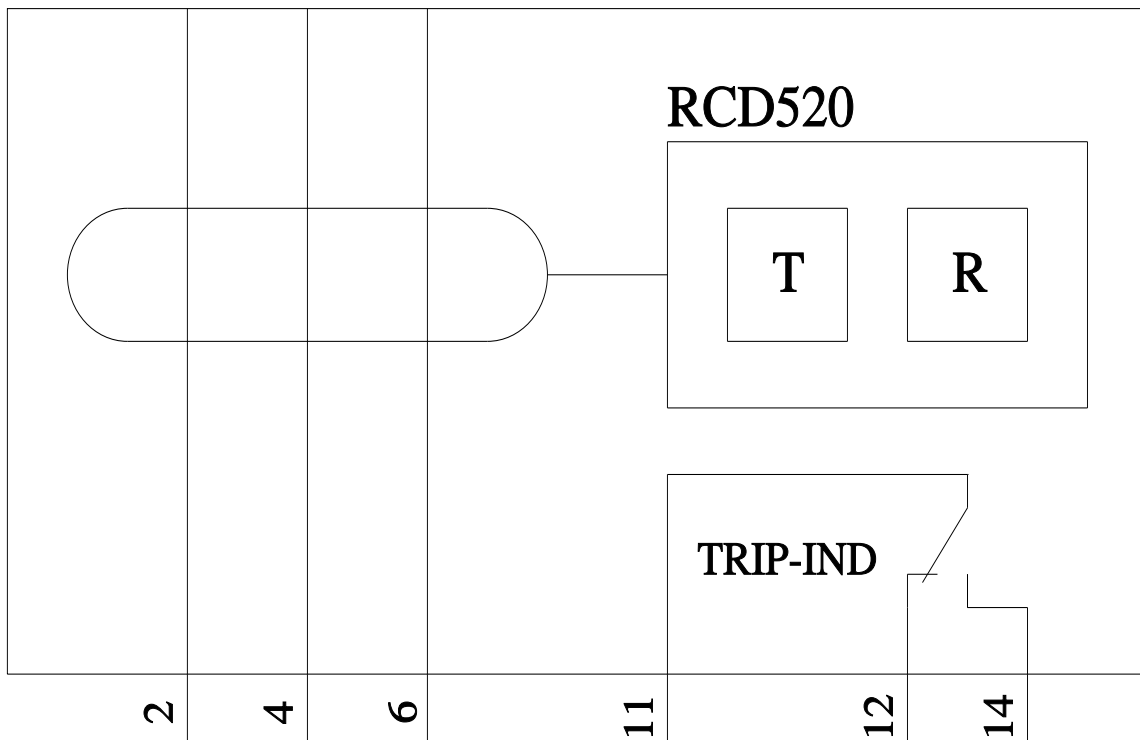
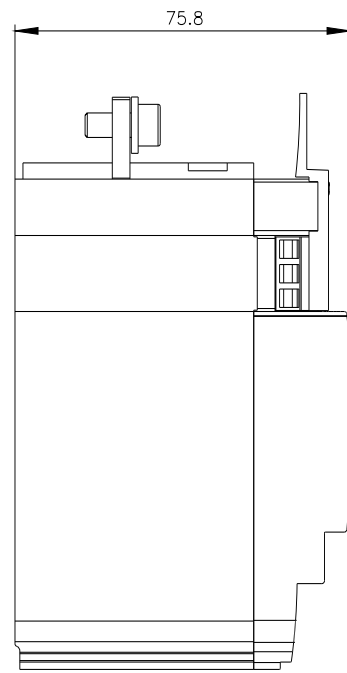
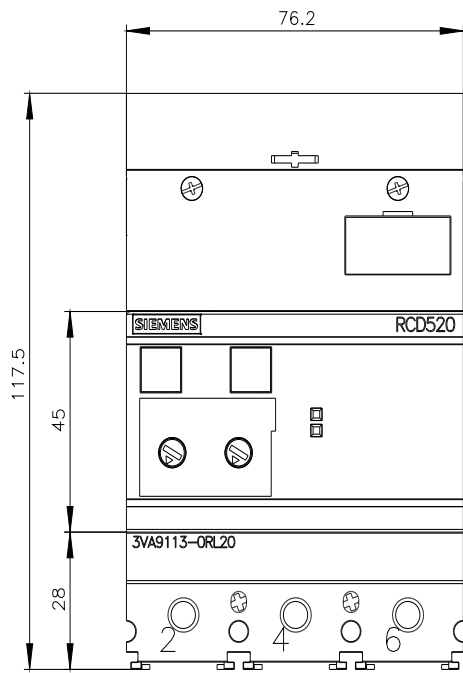
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9113-0RL20](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9113-0RL20)

**CAX-Online-Generator**

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

**Tender specifications**

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



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