



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 4-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	4
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	101.5 mm
depth	70 mm
net weight	929 g

<b>Net Weight</b>	899 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
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[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=3VA9114-0RL20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9114-0RL20>

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

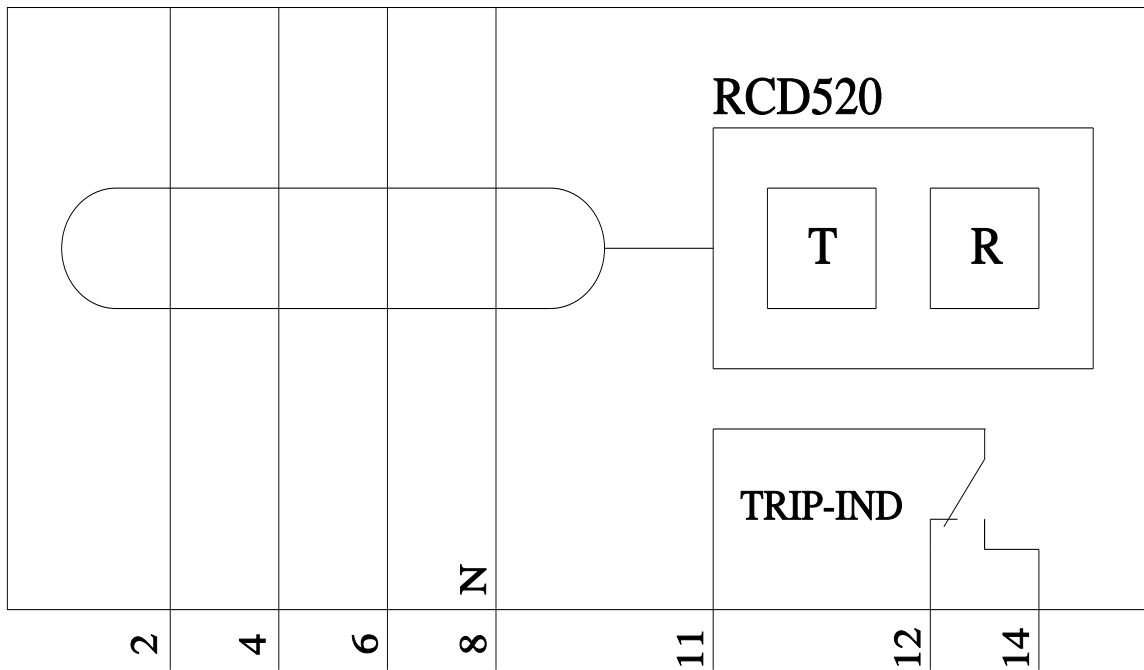
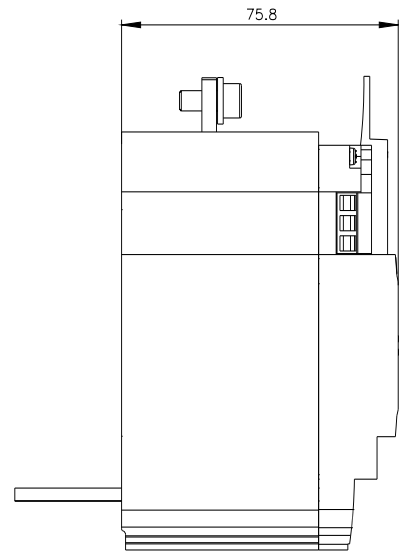
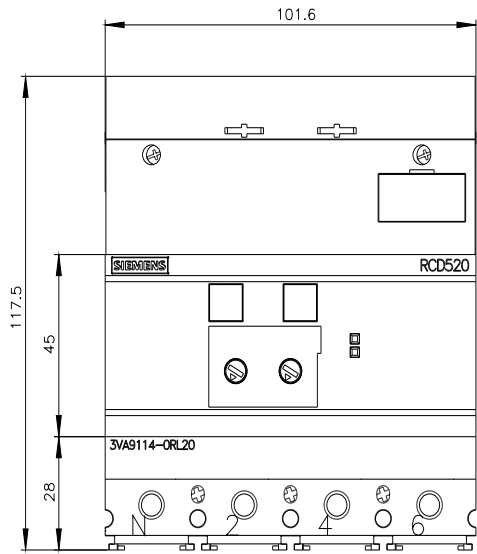
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9114-0RL20](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9114-0RL20)

**CAx-Online-Generator**

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

**Tender specifications**

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



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