



residual current device RCD320 basic RCD type A loadside mounted rated resid. current 0.03...5 A at 50/60 Hz tv instantaneous 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
Mechanical Design	
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;
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
height	100 mm
width	101.6 mm
depth	70 mm
net weight	929 g
ambient temperature / during operation	

<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 70 °C
<b>ambient temperature / during storage</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 80 °C
<b>ambient temperature / during storage</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 80 °C

### Certificates

#### General Product Approval



[Miscellaneous](#)



EMV	Test Certificates	Marine / Shipping	other		
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Miscellaneous](#)

[Miscellaneous](#)

Dangerous goods	Environment				
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[Transport Information](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

### Further information

#### Information on the packaging

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

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

<http://www.siemens.com/lowvoltage/catalogs>

#### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mifb=3VA9114-0RL10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9114-0RL10>

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

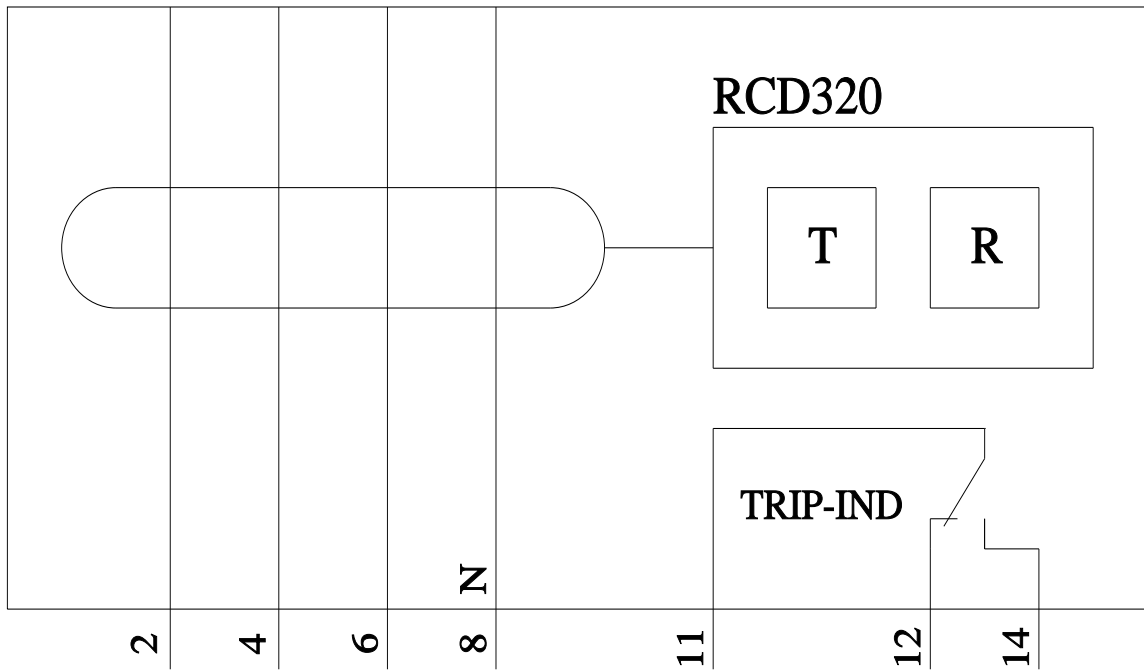
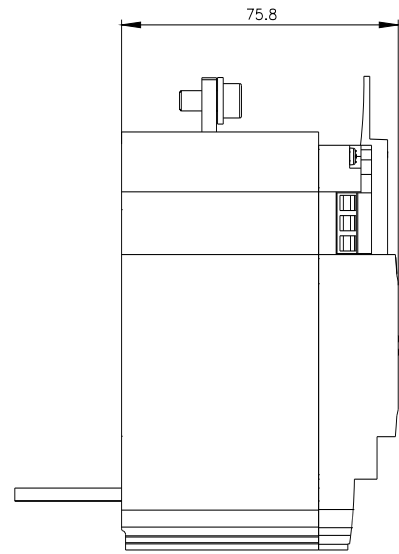
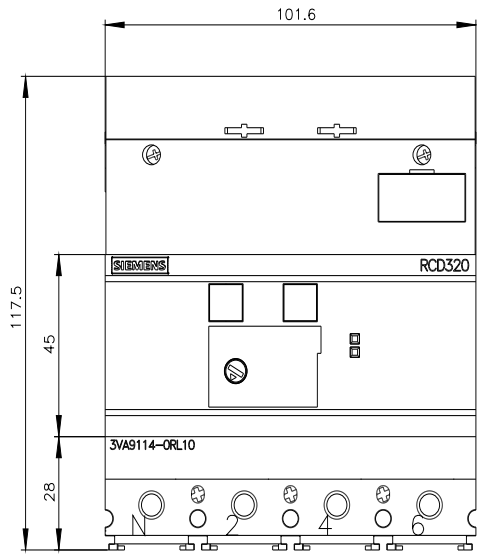
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mifb=3VA9114-0RL10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3VA9114-0RL10)

#### CAX-Online-Generator

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

#### Tender specifications

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



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