



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=250 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	250 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;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	21 W
operating frequency / rated value / maximum	60 Hz
frequency / of fault current	
• minimum	50 Hz
• maximum	60 Hz
height	115 mm
width	140 mm
depth	70 mm
net weight	1 551 g
ambient temperature / during operation	

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

**Certificates**

**General Product Approval**



[Miscellaneous](#)



**EMV      Test Certificates      Marine / Shipping      other**



[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Miscellaneous](#)

[Miscellaneous](#)

**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- 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=3VA9214-0RL20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9214-0RL20>

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

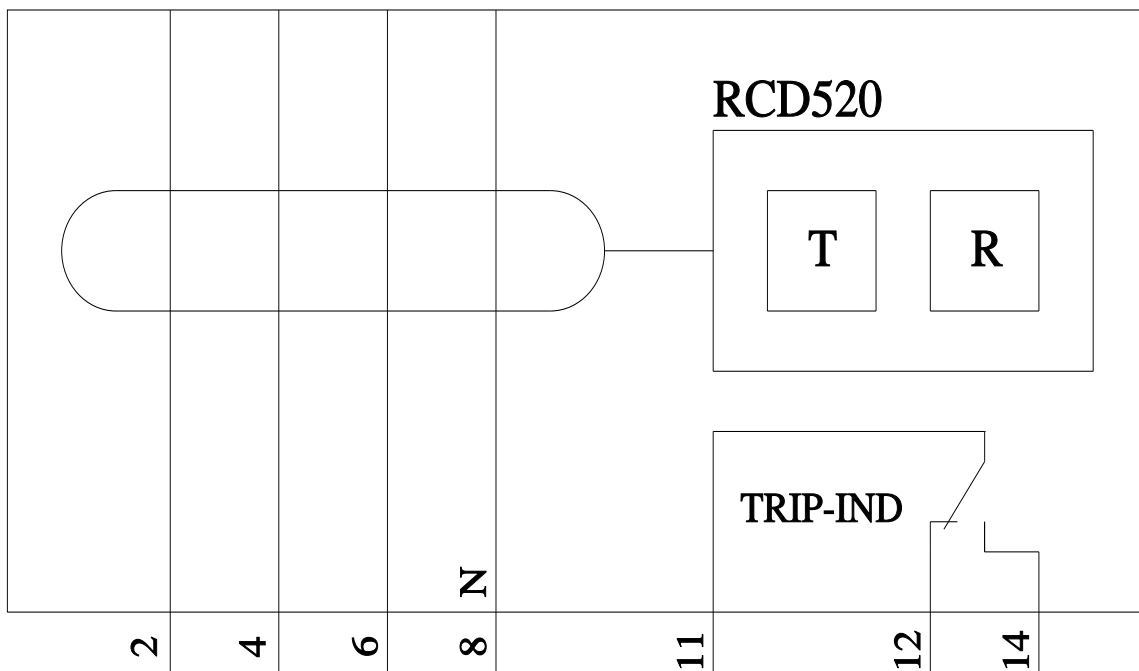
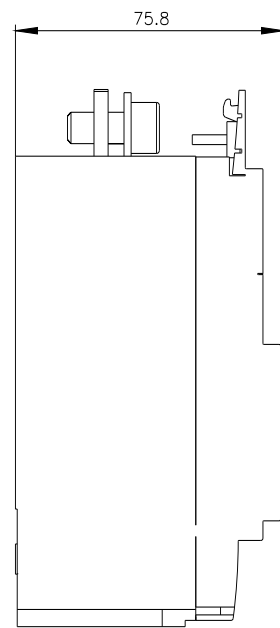
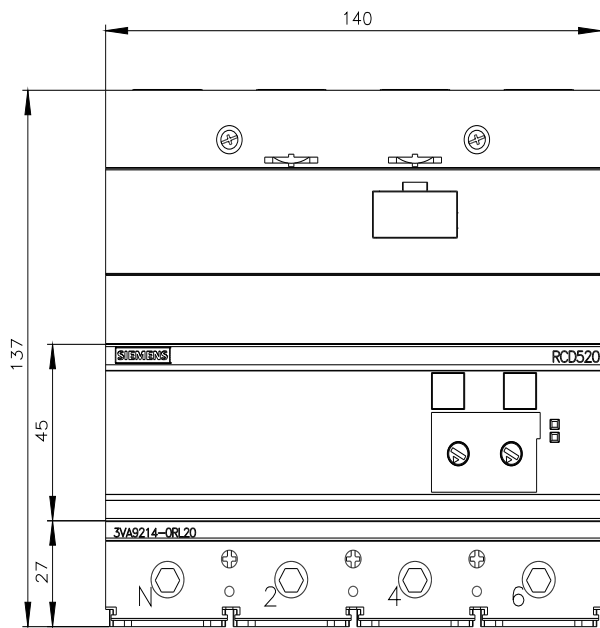
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mifb=3VA9214-0RL20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3VA9214-0RL20)

CAX-Online-Generator

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

Tender specifications

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



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