



residual current device RCD520B basic RCD type B or B+ loadside mounted rated resid. current 0.03...5 A adjustable tv 0...10,000 ms 4-pole In=160 A Ue=127-690 V accessory for: 3VA11

Model	
product brand name	SENTRON
product designation	Residual current protection device types B and B+
accessories	Residual current protection module type B and B+
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	690 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
<ul style="list-style-type: none"> <li>• product function / integrated / alarm management</li> <li>• product function / integrated / alarm management</li> <li>• product function / remote-controlled tripping</li> <li>• product feature / sealable</li> <li>• product function / selectable tripping characteristic</li> <li>• product function / selectable RCD or monitoring mode</li> </ul>	Yes Pre-alarm indication 30% No Yes Yes Yes
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;5.0;10.0
type of trip indicator / electrical	Yes
type of trip indicator / communication	No
power loss [W] / maximum	7.6 W
operating frequency / rated value / maximum	60 Hz
frequency / of fault current	
• minimum	0 Hz
• maximum	100 000 Hz
Mechanical Design	
height	100 mm
width	101.6 mm
depth	70 mm
net weight	710 g

<b>Net Weight</b>	933 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](#)



<b>EMV</b>	<b>Test Certificates</b>	<b>Maritime application</b>	<b>other</b>	<b>Dangerous goods</b>
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Miscellaneous](#)

[Transport Information](#)

**Environment**

[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=3VA9114-0RL21>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3VA9114-0RL21>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**  
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9114-0RL21](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9114-0RL21)
- CAX-Online-Generator**  
<https://www.siemens.com/cax>
- Tender specifications**  
<https://www.siemens.com/specifications>



