



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 |
| • 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 | Yes |
| • product function / selectable RCD or monitoring mode | 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 |

| | |
|---|--------|
| Net Weight | 933 g |
| Connections according UL | |
| ambient temperature / during operation | |
| • minimum | -25 °C |
| • maximum | 70 °C |
| ambient temperature / during storage | |
| • minimum | -40 °C |
| • maximum | 80 °C |

Certificates

General Product Approval



[Confirmation](#)



[Miscellaneous](#)

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



[Type Test Certificates/Test Report](#)



[Confirmation](#)

[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 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

CAx-Online-Generator

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

Tender specifications

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



