SIEMENS

## Data sheet 3VA9114-0RL21



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** | 101.5 mm |
| **depth** | 70 mm |
| **net weight** | 710 g |


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| | |
|---|---|
| **Net Weight** | 933 g |
| **Connetctions 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

Miscellaneous

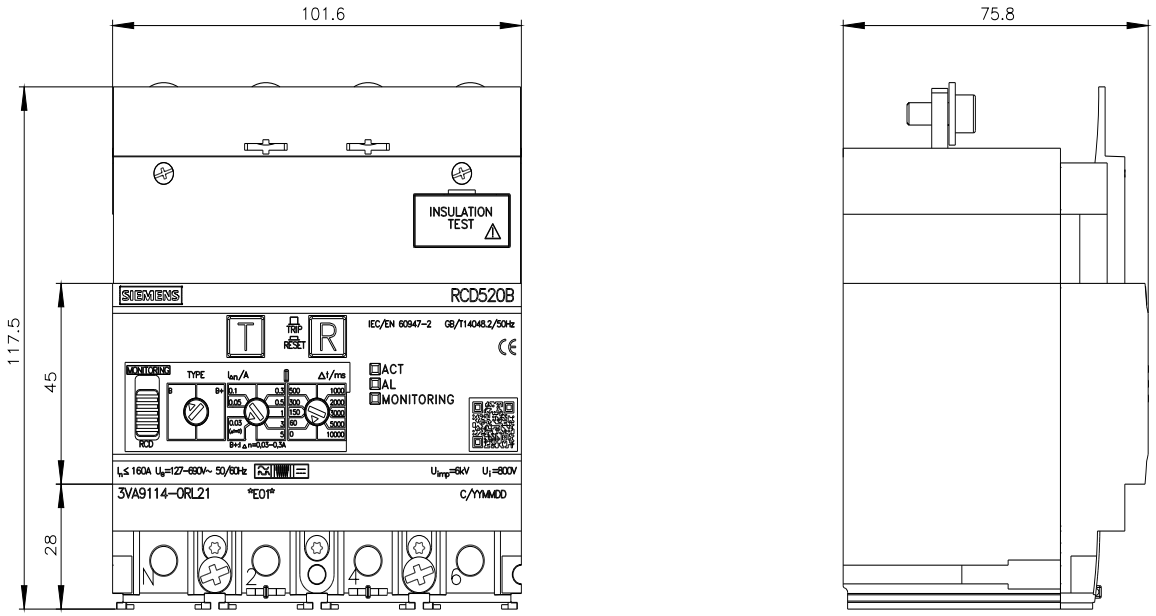
| General Product Approval | EMV | Test Certificates | Maritime application | other | |
|---|---|---|---|---|---|
| Confirmation | | Type Test Certificates/Test Report | | Miscellaneous | Confirmation |

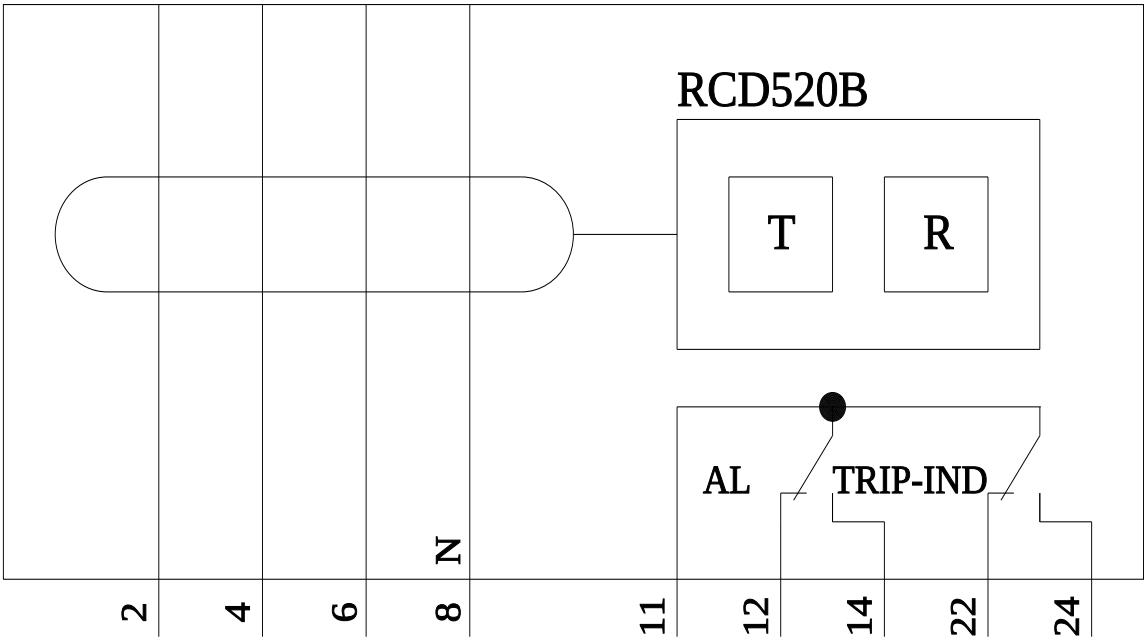
| Dangerous goods | Environment | |
|---|---|---|
| Transport Information | Environmental Confirmations | Environmental Confirmations |

## 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=3VA9114-0RL21
**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


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