

residual current device RCD820 advanced RCD type A load side mounted rated resid. current 0.03...30A at 50/60Hz adjustable tv 0...10000ms 4-pole In=160A Ue=100-690V accessory for: 3VA2



| Model  |   |
|--|---|
| Product brand name   | SENTRON                                   |
| Product designation  | Accessories                               |
| Product version  | Residual current protection module type A |
| Product group primary device   | 3VA21                                     |
| General technical data   |   |
| Mounting type  | screw fixing                              |
| Number of poles  | 4   |
| Protection class IP / on the front   | IP40                                      |
| Current  |   |
| 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;10;30         |
| Mechanical Design  |   |
| Product function   |   |
| <ul style="list-style-type: none"> <li>• communication with residual current device</li> </ul>       | Yes                                       |
| <ul style="list-style-type: none"> <li>• Product function / Integrated / alarm management</li> </ul> | Yes                                       |

|   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Product function / Integrated / alarm management</li> </ul>      | Pre-alarm indication 30% and 60%         |
| <ul style="list-style-type: none"> <li>• Product function / remote tripping</li> </ul>                    | Yes                                      |
| <ul style="list-style-type: none"> <li>• Functionality/sealable</li> </ul>                                | Yes                                      |
| <ul style="list-style-type: none"> <li>• Product function / selectable tripping characteristic</li> </ul> | No                                       |
| <ul style="list-style-type: none"> <li>• Product function / selectable RCD or monitoring mode</li> </ul>  | Yes                                      |
| Remote reset function   | Yes                                      |
| Position / of the infeed / on the RCD component   | Top or bottom                            |
| Type of electrical connection / for main current circuit  | busbar connection                        |
| Setting 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  | Yes                                      |
| Power loss [W] / maximum  | 10 W                                     |
| Rated frequency   | 60 Hz                                    |
| Operating frequency   | 50/60Hz                                  |
| Height  | 115 mm                                   |
| Width   | 139.6 mm                                 |
| Depth   | 86 mm                                    |
| Net weight  | 1 641 g                                  |
| Ambient temperature / during operation  |  |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>   | -25 °C                                   |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>   | 70 °C                                    |

### Certificates

|                          |     |                           |
|--------------------------|-----|---------------------------|
| General Product Approval | EMC | Declaration of Conformity |
|--------------------------|-----|---------------------------|



CCC



VDE

[Miscellaneous](#)



RCM



EG-Konf.

|                   |       |
|-------------------|-------|
| Shipping Approval | other |
|-------------------|-------|



LRS

[Manufacturer Declaration](#)

[Miscellaneous](#)

### Further information

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?mlfb=3VA9124-0RL30>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9124-0RL30>

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

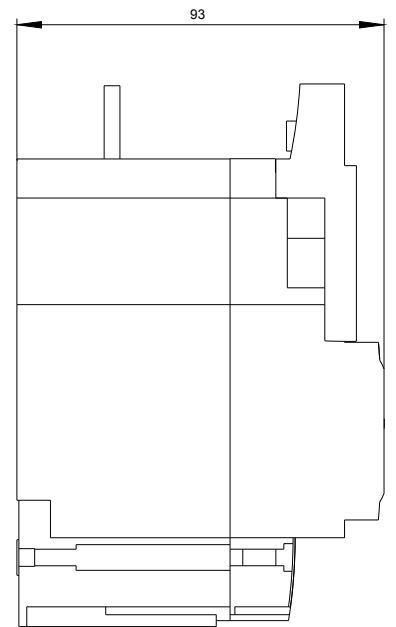
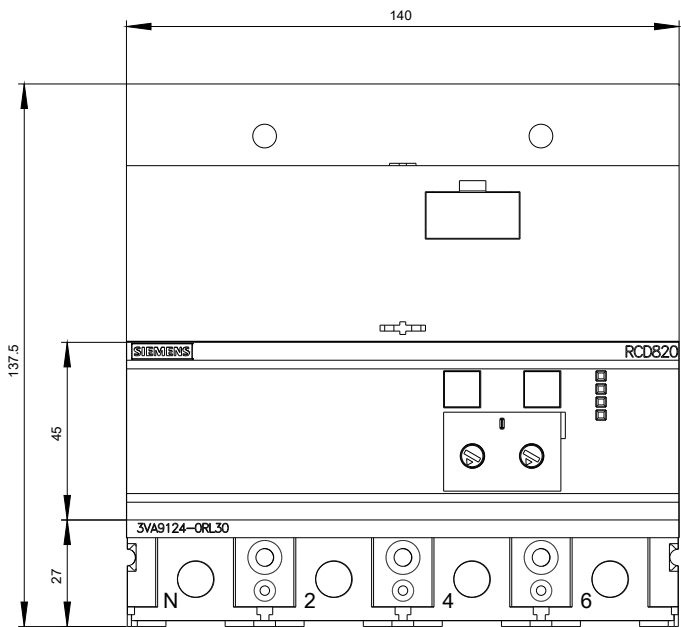
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9124-0RL30](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9124-0RL30)

**CAX-Online-Generator**

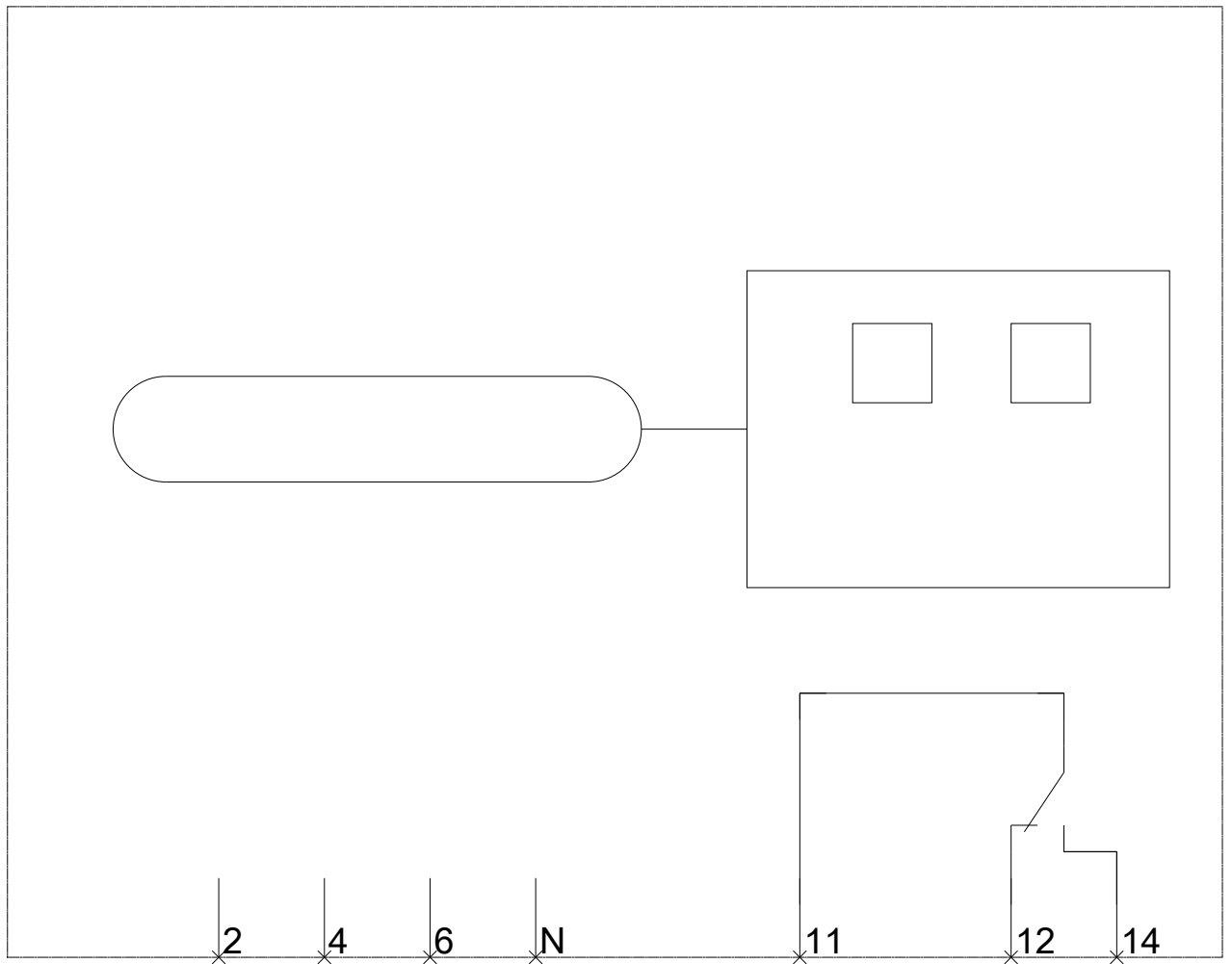
<http://www.siemens.com/cax>

**Tender specifications**

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



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**last modified:**

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