







| <b>Mechanical design:</b>  |     |  |
|--|-----|--|
| <b>Width</b>   | mm  | 22.5   |
| <b>Height</b>  | mm  | 92   |
| <b>Depth</b>   | mm  | 91   |
| <b>mounting position</b>   |     | any  |
| <b>Distance, to be maintained, to earthed part</b>                             |     |  |
| • forwards   | mm  | 0  |
| • backwards  | mm  | 0  |
| • sideways   | mm  | 0  |
| • upwards  | mm  | 0  |
| • downwards  | mm  | 0  |
| <b>Distance, to be maintained, to the ranks assembly</b>                       |     |  |
| • forwards   | mm  | 0  |
| • backwards  | mm  | 0  |
| • sideways   | mm  | 0  |
| • upwards  | mm  | 0  |
| • downwards  | mm  | 0  |
| <b>Distance, to be maintained, conductive elements</b>                         |     |  |
| • forwards   | mm  | 0  |
| • backwards  | mm  | 0  |
| • sideways   | mm  | 0  |
| • upwards  | mm  | 0  |
| • downwards  | mm  | 0  |
| <b>Type of mounting</b>  |     | snap-on mounting   |
| <b>Product function / removable terminal for auxiliary and control circuit</b> |     | Yes  |
| <b>Design of the electrical connection</b>                                     |     | screw-type terminals   |
| <b>Type of the connectable conductor cross-sections</b>                        |     |  |
| • solid  |     | 1x (0.5 ... 4 mm <sup>2</sup> ), 2x (0.5 ... 2.5 mm <sup>2</sup> )   |
| • finely stranded  |     |  |
| • with wire end processing   |     | 1x (0.5 ... 2.5 mm <sup>2</sup> ), 2x (0.5 ... 1.5 mm <sup>2</sup> ) |
| • for AWG conductors   |     |  |
| • solid  |     | 2x (20 ... 14)   |
| • stranded   |     | 2x (20 ... 14)   |
| <b>Tightening torque</b>   |     |  |
| • with screw-type terminals  | N·m | 0.8 ... 1.2  |
| <b>Outputs:</b>  |     |  |
| <b>Number of NO contacts / delayed switching</b>                               |     | 0  |

|   |     |            |
|---|-----|------------|
| Number of NC contacts / delayed switching                                     |     | 0          |
| Number of change-over switches / delayed switching                            |     | 2          |
| Current carrying capacity / of output relay                                   |     |            |
| • at AC-15  |     |            |
| • at 250 V / at 50/60 Hz  | A   | 3          |
| • at 400 V / at 50/60 Hz  | A   | 3          |
| • at DC-13  |     |            |
| • at 24 V   | A   | 1          |
| • at 125 V  | A   | 0.2        |
| • at 250 V  | A   | 0.1        |
| Thermal current / of the contact-affected switching element / maximum         | A   | 5          |
| Operating current / at 17 V / minimum   | mA  | 5          |
| Continuous current / of the DIAZED fuse link of the output relay              | A   | 4          |
| Mechanical operating cycles as operating time / typical                       |     | 10,000,000 |
| Electrical operating cycles as operating time / at AC-15 / at 230 V / typical |     | 100,000    |
| Operating cycles / with 3RT2 contactor / maximum                              | 1/h | 5,000      |

#### Certificates/approvals:

| General Product Approval   | EMC   | Test Certificates   |
|--|---|---|
| <br>CCC | <br>GOST | <br>C-TICK |
|  |   | <a href="#">Special Test Certificate</a>  |
| Shipping Approval  | other   |   |
| <br>DNV | <br>GL   | <br>LRS    |
|  |   | <a href="#">Declaration of Conformity</a> <a href="#">other</a>                               |

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### Cax online generator:

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

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

<http://support.automation.siemens.com/WW/view/en/3UG4513-1BR20/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3UG4513-1BR20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UG4513-1BR20)