

|                                                                   |                                     |
|-------------------------------------------------------------------|-------------------------------------|
| Auxiliary switch block, for 3TL6 and 3TL8 bottom, 2 NO + 2 NC     |                                     |
| product category                                                  | Auxiliary switch                    |
| product designation                                               | auxiliary switch                    |
| suitability for use                                               | Contactor relay and power contactor |
| <b>General technical data</b>                                     |                                     |
| insulation voltage with degree of pollution 3 at AC rated value   | 690 V                               |
| surge voltage resistance rated value                              | 6 kV                                |
| protection class IP on the front                                  | IP20                                |
| mechanical service life (operating cycles) typical                | 10 000 000                          |
| Substance Prohibitance (day/month/year)                           | 07/01/2006                          |
| Net Weight                                                        | 0.085 kg                            |
| number of NC contacts for auxiliary contacts                      |                                     |
| • instantaneous contact                                           | 2                                   |
| • lagging switching                                               | 0                                   |
| number of NO contacts for auxiliary contacts                      |                                     |
| • instantaneous contact                                           | 2                                   |
| • leading contact                                                 | 0                                   |
| number of CO contacts of auxiliary contacts instantaneous contact | 0                                   |
| operational current at AC-15 at 690 V rated value                 | 2.3 A                               |
| operational current of auxiliary contacts at AC-12                |                                     |
| • at 24 V                                                         | 10 A                                |
| • at 230 V                                                        | 10 A                                |
| operational current of auxiliary contacts at AC-14                |                                     |
| • at 125 V                                                        | 10 A                                |
| operational current of auxiliary contacts at AC-12 maximum        | 10 A                                |
| operational current of auxiliary contacts at AC-15                |                                     |
| • at 24 V                                                         | 10 A                                |
| • at 230 V                                                        | 5.6 A                               |
| • at 400 V                                                        | 3.6 A                               |
| operational current of auxiliary contacts at DC-12                |                                     |
| • at 24 V                                                         | 10 A                                |
| • at 110 V                                                        | 3.2 A                               |
| • at 220 V                                                        | 0.9 A                               |
| operational current of auxiliary contacts at DC-13                |                                     |
| • at 24 V                                                         | 10 A                                |
| • at 48 V                                                         | 5 A                                 |
| • at 60 V                                                         | 5 A                                 |
| • at 110 V                                                        | 1.14 A                              |
| • at 125 V                                                        | 0.98 A                              |
| • at 220 V                                                        | 0.48 A                              |
| <b>Ambient conditions</b>                                         |                                     |
| ambient temperature                                               |                                     |
| • during operation                                                | -25 ... +55 °C                      |
| • during storage                                                  | -55 ... +80 °C                      |
| <b>Installation/ mounting/ dimensions</b>                         |                                     |
| fastening method                                                  | snap-on mounting                    |
| height                                                            | 70 mm                               |
| width                                                             | 24 mm                               |
| depth                                                             | 51.5 mm                             |
| <b>Connections/ Terminals</b>                                     |                                     |

|                                                                                       |                                                                       |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| type of electrical connection for auxiliary and control circuit                       | screw-type terminals                                                  |
| <b>connectable conductor cross-section for auxiliary contacts</b>                     |                                                                       |
| • solid or stranded                                                                   | 0.5 ... 2.5 mm <sup>2</sup>                                           |
| • finely stranded with core end processing                                            | 0.5 ... 2.5 mm <sup>2</sup>                                           |
| <b>type of connectable conductor cross-sections</b>                                   |                                                                       |
| • for auxiliary contacts                                                              |                                                                       |
| — solid or stranded                                                                   | 2x (0,5 ... 1,0 mm <sup>2</sup> ), 2x (1,0 ... 2,5 mm <sup>2</sup> )  |
| — finely stranded with core end processing                                            | 2x (0.5 ... 1.0 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| • for AWG cables for auxiliary contacts                                               | 2x (18 ... 12)                                                        |
| <b>AWG number as coded connectable conductor cross section for auxiliary contacts</b> | 18 ... 12                                                             |

#### 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/ic10>

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

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TY7561-1P>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY7561-1P>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TY7561-1P>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TY7561-1P&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY7561-1P&lang=en)

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