



Auxiliary switch block, for 3TB52...3TB56, 3TC52, 3TC56, right

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|---|-------------------------------------|
| product category | Auxiliary switch |
| product designation | auxiliary switch |
| suitability for use | Contactor relay and power contactor |
| General technical data | |
| size of contactor | 8 ... 12 |
| 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 (Date) | 07/01/2006 |
| Weight | 0.081 kg |
| number of NC contacts for auxiliary contacts | |
| • instantaneous contact | 1 |
| • lagging switching | 0 |
| number of NO contacts for auxiliary contacts | |
| • instantaneous contact | 1 |
| • leading contact | 0 |
| number of CO contacts of auxiliary contacts instantaneous contact | 0 |
| 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 | 8 A |
| • at 220 V | 2 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 | 2.4 A |
| • at 125 V | 2.1 A |
| • at 220 V | 1.1 A |

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| Ambient conditions | |
| ambient temperature | |
| • during operation | -25 ... +55 °C |
| • during storage | -55 ... +80 °C |
| Safety related data | |
| product function | |
| • positively driven operation according to IEC 60947-5-1 | Yes |
| Installation/ mounting/ dimensions | |
| fastening method | snap-on mounting |
| height | 81 mm |
| width | 14 mm |
| depth | 72.5 mm |
| Connections/ Terminals | |
| type of electrical connection for auxiliary and control circuit | screw-type terminals |
| connectable conductor cross-section for auxiliary contacts | |
| • solid or stranded | 0.5 ... 2.5 mm ² |
| • finely stranded with core end processing | 0.5 ... 2.5 mm ² |
| type of connectable conductor cross-sections | |
| • for auxiliary contacts | |
| — solid or stranded | 2x (0.5 ... 1.0 mm ²), 2x (1.0 ... 2.5 mm ²) |
| — finely stranded with core end processing | 2x (0.5 ... 1.0 mm ²), 2x (0.75 ... 2.5 mm ²) |
| • for AWG cables for auxiliary contacts | 2x (18 ... 12) |
| AWG number as coded connectable conductor cross section for auxiliary contacts | 18 ... 12 |

Approvals Certificates

| | |
|--------------------------|-------|
| General Product Approval | other |
|--------------------------|-------|



[Confirmation](#)



[Confirmation](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3TY6561-1B>

Cax online generator

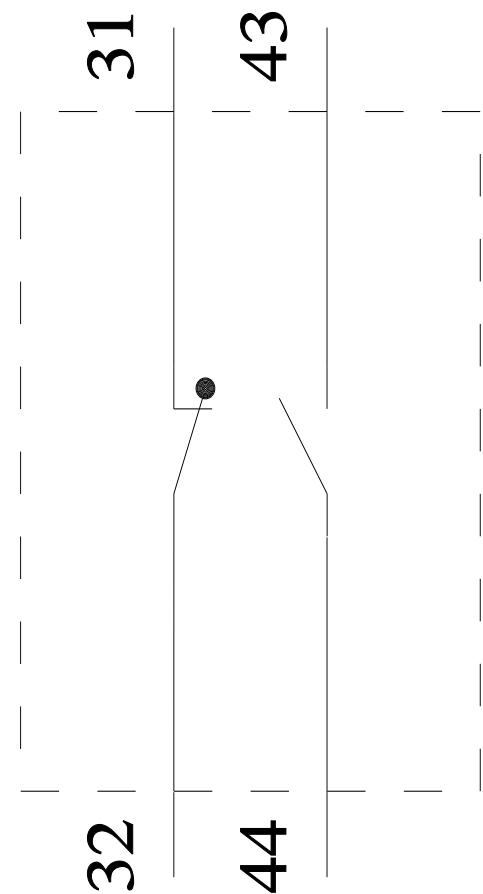
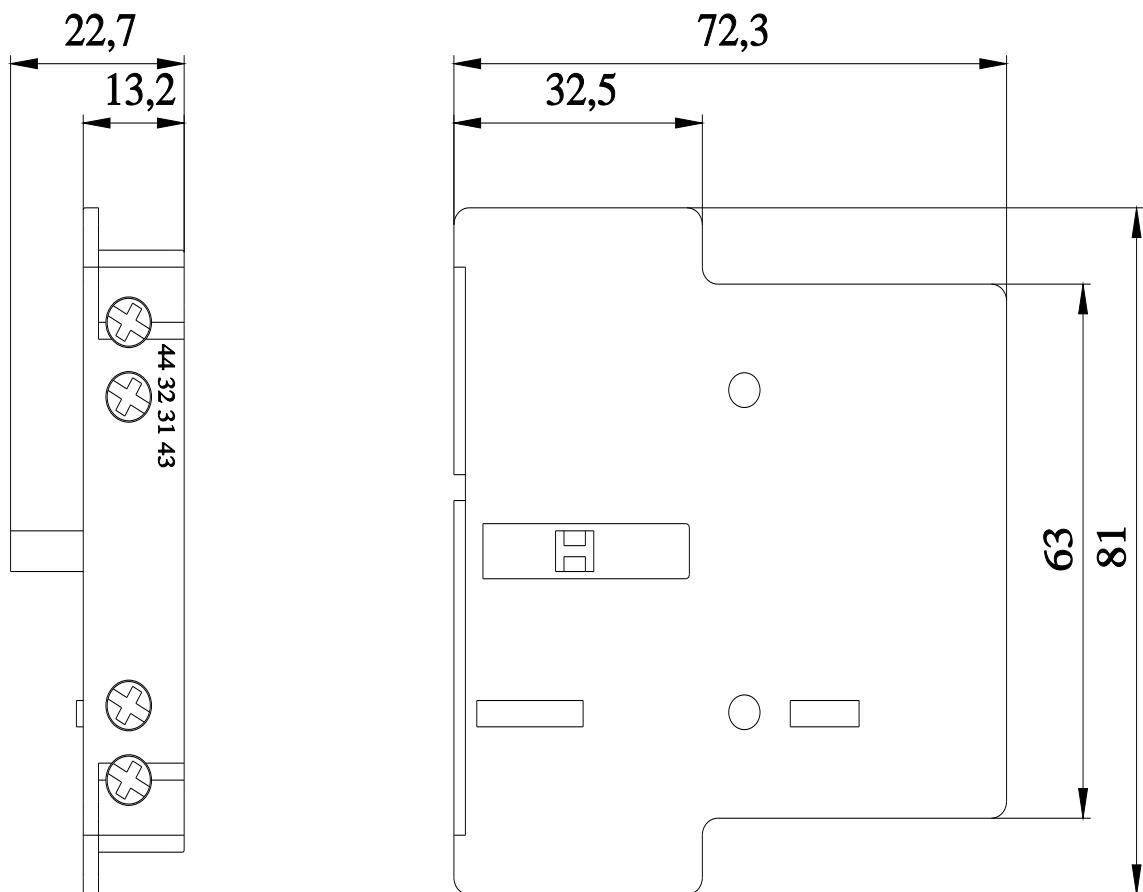
<http://support.automation.siemens.com/WW/CAxOrder/default.aspx?lang=en&mlfb=3TY6561-1B>

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

<https://support.industry.siemens.com/cs/ww/en/pb/3TY6561-1B>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY6561-1B&lang=en



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10/27/2023 

