



2nd auxiliary switch block on the right, for 3TB46...3TB50

| General technical data | |
|--|-------------------------------------|
| suitability for use | Contactor relay and power contactor |
| protection class IP on the front | IP20 |
| ambient temperature | |
| • during storage | -55 ... +80 °C |
| • during operation | -25 ... +55 °C |
| mechanical service life (switching cycles) typical | 10 000 000 |
| insulation voltage with degree of pollution 3 at AC rated value | 690 V |
| surge voltage resistance rated value | 6 kV |
| Auxiliary circuit | |
| 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 |
| operational current of auxiliary contacts at AC-12 | |
| • at 24 V | 10 A |
| • at 230 V | 10 A |
| • maximum | 10 A |
| operational current | |
| • of auxiliary contacts | |
| — at AC-14 | |
| — at 125 V | 10 A |
| — 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 60 V | 5 A |
| — at 110 V | 1.14 A |
| — at 220 V | 0.48 A |

| Installation/ mounting/ dimensions | | |
|---|---|---------------------------|
| fastening method | snap-on mounting | |
| width | 12 mm | |
| height | 70 mm | |
| depth | 51.5 mm | |
| Connections/ Terminals | | |
| type of electrical connection for auxiliary and control circuit | screw-type terminals | |
| type of connectable conductor cross-sections | | |
| <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded — with core end processing • at AWG cables for auxiliary contacts | 2x (0.5 ... 1.0 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (18 ... 12) | |
| Safety related data | | |
| product function positively driven operation according to IEC 60947-5-1 | Yes | |
| Certificates/ approvals | | |
| General Product Approval | Functional Safety/Safety of Machinery | Declaration of Conformity |



[Confirmation](#)



[Type Examination Certificate](#)

Declaration of Conformity

other



[Confirmation](#)

Further information

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=3TY6501-1L>

Cax online generator

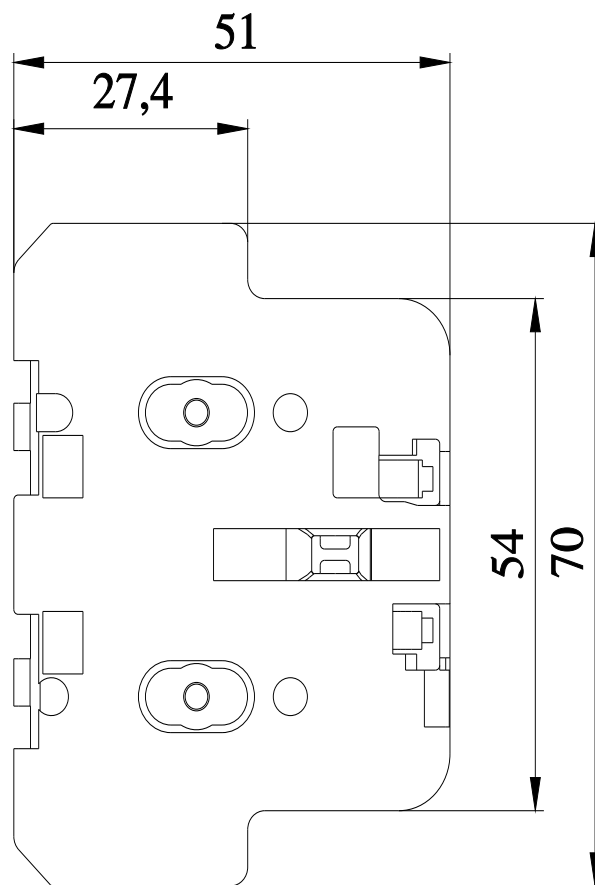
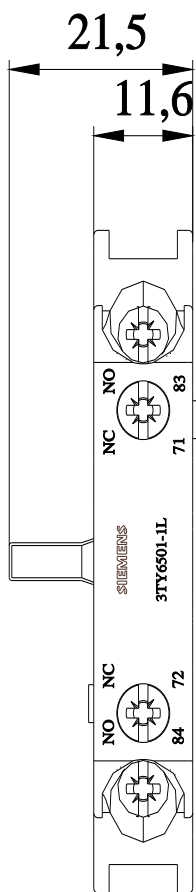
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY6501-1L>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TY6501-1L>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY6501-1L&lang=en



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