



Auxiliary switch block, for contactors 3TB44-50, 3TC4 for mounting left or right (replacement for 3TY6501-1A/- 1B)

General technical data	
suitability for use	Contactor relay and power contactor
protection class IP on the front	IP20
ambient temperature <ul style="list-style-type: none">during storageduring operation	<div>-55 ... +80 °C</div> <div>-25 ... +55 °C</div>
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 <ul style="list-style-type: none">instantaneous contactlagging switching	<div>1</div> <div>0</div>
number of NO contacts for auxiliary contacts <ul style="list-style-type: none">instantaneous contactleading contact	<div>1</div> <div>0</div>
operational current of auxiliary contacts at AC-12 <ul style="list-style-type: none">at 24 Vat 230 Vmaximum	<div>10 A</div> <div>10 A</div> <div>10 A</div>
operational current <ul style="list-style-type: none">of auxiliary contacts<ul style="list-style-type: none">at AC-14<ul style="list-style-type: none">at 125 Vat AC-15<ul style="list-style-type: none">at 24 Vat 230 Vat 400 V	<div>10 A</div> <div>10 A</div> <div>5.6 A</div> <div>3.6 A</div>
operational current <ul style="list-style-type: none">of auxiliary contacts at DC-12<ul style="list-style-type: none">at 24 Vat 110 Vat 220 V	<div>10 A</div> <div>3.2 A</div> <div>0.9 A</div>
operational current <ul style="list-style-type: none">of auxiliary contacts at DC-13<ul style="list-style-type: none">at 24 Vat 60 V	<div>10 A</div> <div>5 A</div>

— 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 acc. to IEC 60947-5-1	Yes
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Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Test Certificates
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[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)

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=3TY6501-1AA00>

Cax online generator

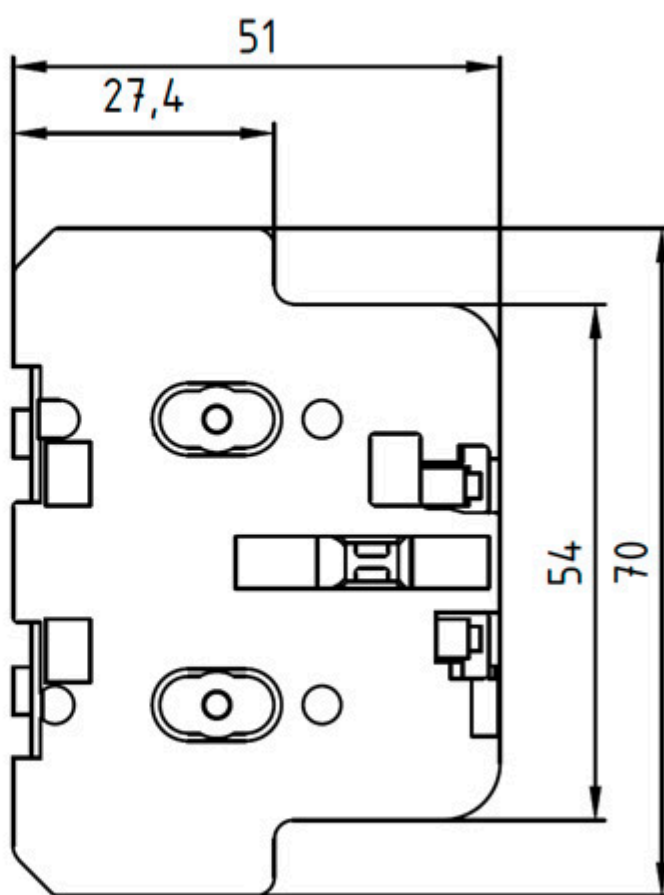
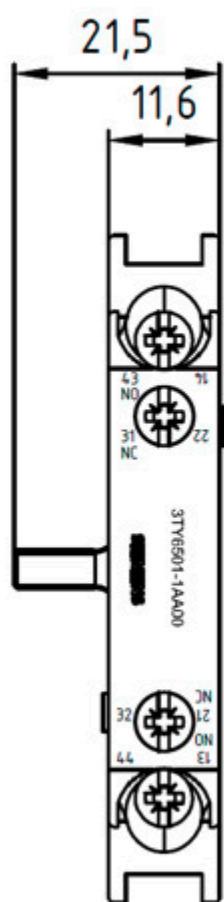
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY6501-1AA00>

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

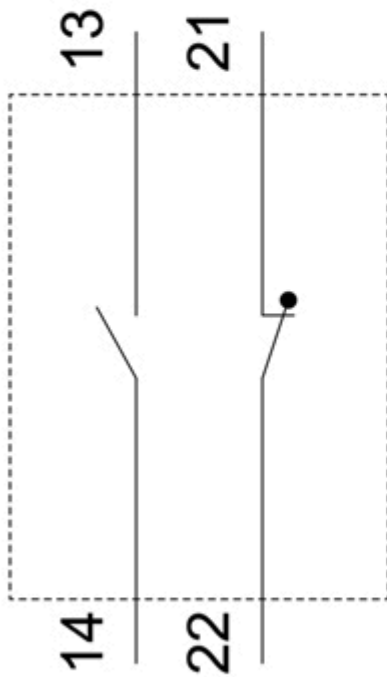
<https://support.industry.siemens.com/cs/ww/en/ps/3TY6501-1AA00>

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

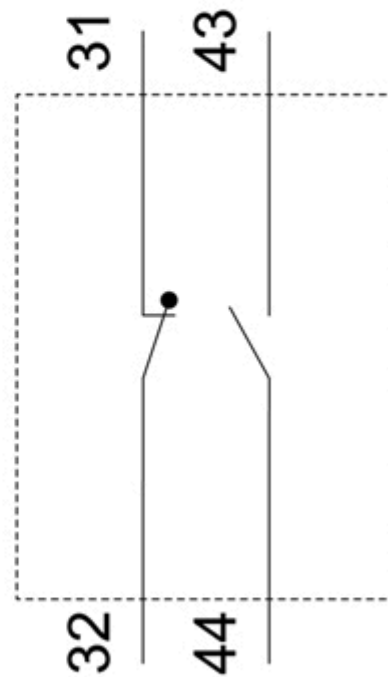
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY6501-1AA00&lang=en



Links / left



Rechts / right



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12/23/2020 