

AUX.SWITCHBLOCK FOR CONTACTORS 3TB44-50, 3TC4 FOR LEFT/RIGHT CONNECTION (REPLACES 3TY6501-1A/-1B)

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 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
Operating current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
• maximum	10 A
Operating 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
Operating current	
• of auxiliary contacts at DC-12	
— at 24 V	10 A
— at 110 V	3.2 A
— at 220 V	0.9 A
Operating 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

Mounting type	snap-on mounting
Width	12 mm
Height	70 mm
Depth	51.5 mm


Connections/Terminals

Type of electrical connection for auxiliary and control current 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 conductors 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	other
 CCC	 UL	
 CSA	Type Examination Certificate	Confirmation

Further information

- Information- and Downloadcenter (Catalogs, Brochures,...)**
<http://www.siemens.com/industrial-controls/catalogs>
- 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

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