

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

General technical data:

Acceptability for application		Contactor relay and power contactor
Protection class IP / on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operating	°C	-25 ... +55
Mechanical operating cycles as operating time		
• typical		10,000,000
Insulation voltage / with degree of pollution 3		
• rated value	V	690
Impulse voltage resistance		
• rated value	kV	6

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		
• instantaneous switching		1
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		1
• leading switching		0
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		
• of the auxiliary contacts		
• at AC-14		
• at 125 V	A	10
• at AC-15		
• at 24 V	A	10
• at 230 V	A	5.6
• at 400 V	A	3.6

Operating current		
• of the auxiliary contacts / at DC-13		
• at 24 V	A	10
• at 60 V	A	5
• at 110 V	A	1.14
• at 220 V	A	0.48

Installation/ mounting/ dimensions:		
Mounting type		snap-on mounting
Width	mm	12
Height	mm	70
Depth	mm	51.5

Connections/ terminals:		
Design of the electrical connection		screw-type terminals
• for auxiliary and control current circuit		
Type of the connectable conductor cross-section		
• for auxiliary contacts		
• finely stranded		
• with conductor end processing		2x (0.5 ... 1.0 mm ²), 2x (0.75 ... 2.5 mm ²)
• for AWG conductors / for auxiliary contacts		2x (18 ... 12)

Safety:		
Product function / positively driven operation to IEC 60947-5-1		Yes

Certificates/ approvals:		
General Product Approval		other
		
CCC	CSA	UL
		
		Declaration of Conformity

Further information:	
Information- and Downloadcenter (Catalogs, Brochures,...)	http://www.siemens.com/industrial-controls/catalogs
Industry Mall (Online ordering system)	http://www.siemens.com/industrial-controls/mall
Cax online generator	http://www.siemens.com/cax
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)	http://support.automation.siemens.com/WW/view/en/3TY6501-1AA00/all
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)	http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TY6501-1AA00

last change:

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