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Data sheet 3TY6501-1AA00



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	
● 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

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— 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	
● for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
● at AWG cables for auxiliary contacts	2x (18 ... 12)
Safety related data	
product function positively driven operation acc. to IEC 60947-5-1	Yes

Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Test Certificates
CSA CCC UL EAC	Type Examination Certificate	Type Test Certificates/Test Report

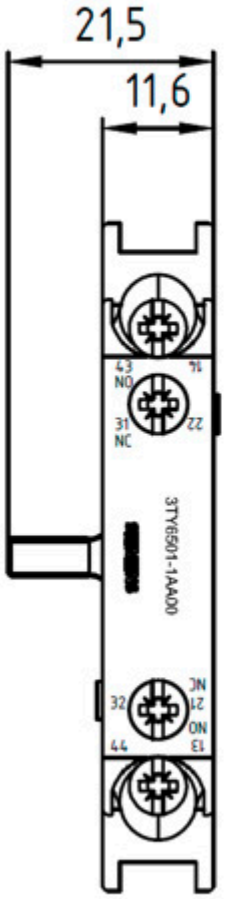
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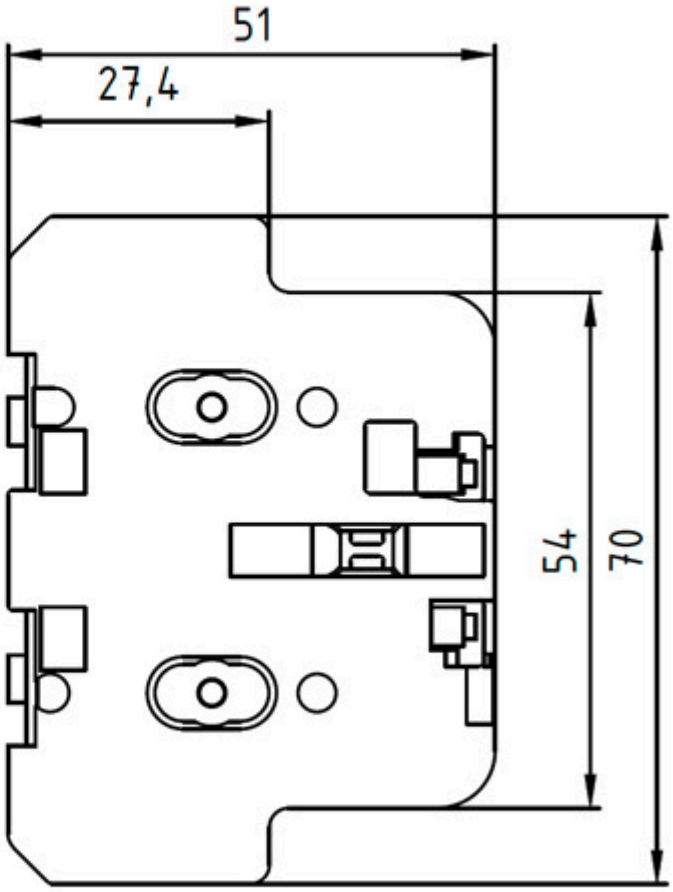
Confirmation

Further information

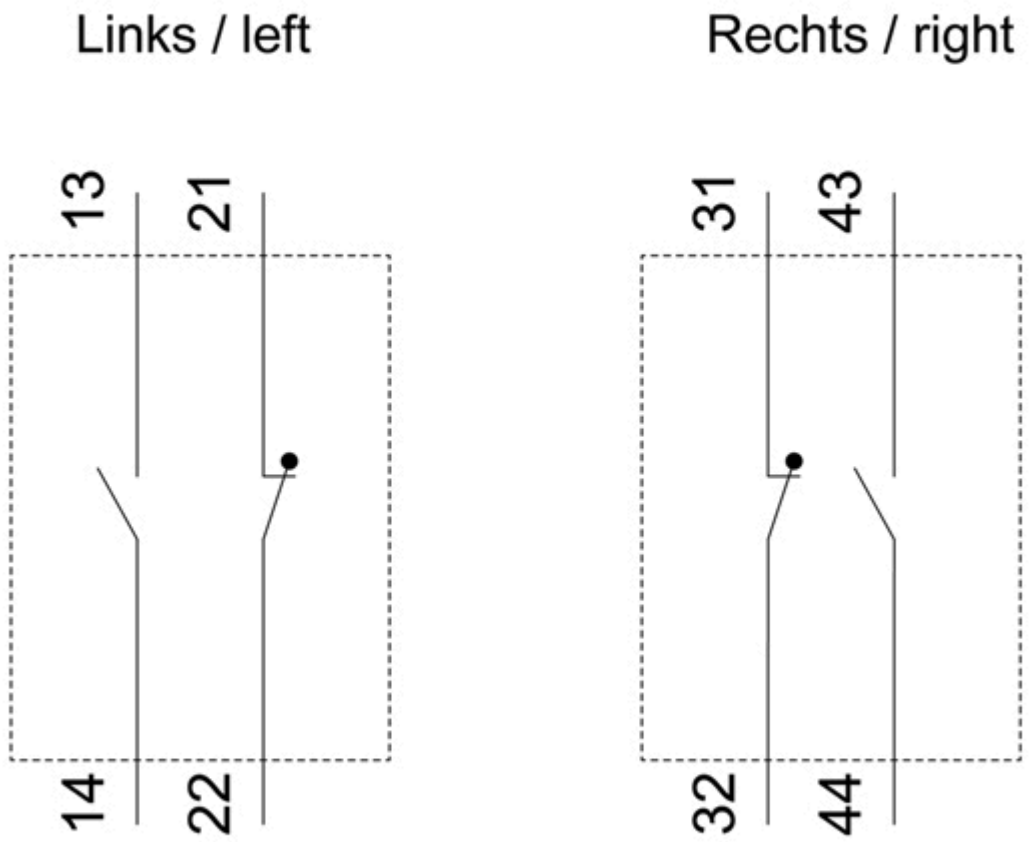
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