



Auxiliary switch block, for 3TB52...3TB56, 3TC52, 3TC56, left

product category	Auxiliary switch
product designation	auxiliary switch
suitability for use	Contactor relay and power contactor
General technical data	
size of contactor	8 ... 12
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	10 000 000
Substance Prohibitance (Date)	07/01/2006
Weight	0.089 kg
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
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
operational current of auxiliary contacts at AC-14	
• at 125 V	10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts 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	8 A
• at 220 V	2 A
operational current of auxiliary contacts at DC-13	
• at 24 V	10 A
• at 48 V	5 A
• at 60 V	5 A
• at 110 V	2.4 A
• at 125 V	2.1 A
• at 220 V	1.1 A

Ambient conditions	
ambient temperature	
• during operation	-25 ... +55 °C
• during storage	-55 ... +80 °C
Safety related data	
product function	
• positively driven operation according to IEC 60947-5-1	Yes
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	81 mm
width	14 mm
depth	72.5 mm
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.5 ... 2.5 mm²
• finely stranded with core end processing	0.5 ... 2.5 mm²
type of connectable conductor cross-sections	
• for auxiliary contacts	
— solid or stranded	2x (0,5 ... 1,0 mm²), 2x (1,0 ... 2,5 mm²)
— finely stranded with core end processing	2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
• for AWG cables for auxiliary contacts	2x (18 ... 12)
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 12
Approvals Certificates	
General Product Approval	other



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Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3TY6561-1A>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY6561-1A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TY6561-1A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY6561-1A&lang=en



