



2nd auxiliary switch block on the right, for 3TB52/54/56..-0A on the right, for 3TC52/56..-0B

product category	Auxiliary switch
product designation	auxiliary switch
product type designation	3TY6
suitability for use	Contact 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	0.086 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

<ul style="list-style-type: none"> • at 125 V • at 220 V 	2.1 A 1.1 A
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage 	-25 ... +55 °C -55 ... +80 °C
Safety related data	
product function	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • solid or stranded • finely stranded with core end processing 	0.5 ... 2.5 mm ² 0.5 ... 2.5 mm ²
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid or stranded — finely stranded with core end processing • for AWG cables for auxiliary contacts 	2x (0.5 ... 1.0 mm ²), 2x (1.0 ... 2.5 mm ²) 2x (0.5 ... 1.0 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (18 ... 12)
AWG number as coded connectable conductor cross section for auxiliary contacts	18 ... 12
Approvals Certificates	
General Product Approval	other



[Confirmation](#)

Environment

[Environmental Con-
firmations](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3TY6561-1L>

Cax online generator

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

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

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

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

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



