SIEMENS

Data sheet

3TY6501-1K



2nd auxiliary switch block Left, for 3TB46...3TB50

product designation	Second auxiliary switch left
suitability for use	Contactor relay and power contactor
eneral technical data	
size of contactor	26
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
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	3.2 A
• at 220 V	0.9 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	1.14 A
• at 125 V	0.98 A
• at 220 V	0.48 A
mbient conditions	

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	70 mm
width	12 mm
depth	51.5 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	Functional Safety/Safety of Ma- chinery
Confirmation CCC	In the second se
Declaration of Conformity other	
Cenfirmation EG-Konf.	n

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3TY6501-1K

Cax online generator

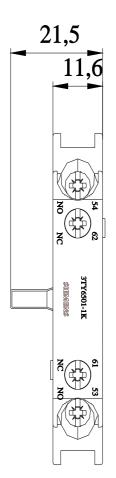
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY6501-1K

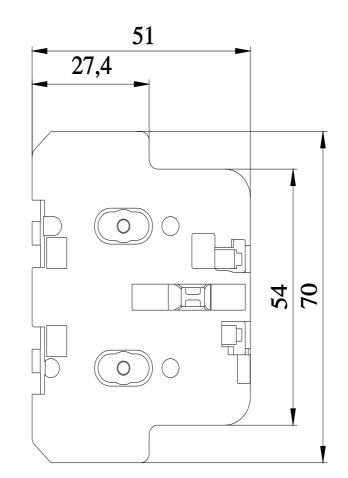
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

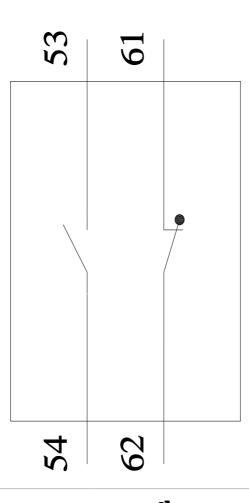
https://support.industry.siemens.com/cs/ww/en/ps/3TY6501-1K

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY6501-1K&lang=en







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