SIEMENS

Data sheet 3TY7561-1N

	Auxiliary switch block, for 3TL6 and 3TL8 Top, 2 NO + 2 NC
product category	Auxiliary switch
product designation	auxiliary switch
suitability for use	Contactor relay and power contactor
General technical data	
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 (day/month/year)	07/01/2006
Net Weight	0.081 kg
number of NC contacts for auxiliary contacts	
● instantaneous contact	2
● lagging switching	0
number of NO contacts for auxiliary contacts	
● instantaneous contact	2
● leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
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	0.3 A
● at 48 V	0.3 A
● at 60 V	0.3 A
Ambient conditions	
ambient temperature	
● during operation	-25 ... +55 °C
● during storage	-55 ... +80 °C
Installation/ mounting/ dimensions	
fastening method	snap-on mounting
height	70 mm
width	24 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
Further information	
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875	
Information for data generation and storage	

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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=3TY7561-1N

Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY7561-1N

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TY7561-1N

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY7561-1N&lang=en

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last modified: 8/8/2025

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