

AUXILIARY SWITCH, LEFT-HAND F.3TL6 CONTACTORS

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 rated value	690 V
Surge voltage resistance rated value	6 kV
Auxiliary circuit	
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
Operating current	
• of auxiliary contacts at DC-12	
— at 24 V	10 A
— at 110 V	3.2 A
— at 220 V	0.9 A
Operating current	
• of auxiliary contacts at DC-13	
— at 24 V	0.3 A
— at 60 V	0.3 A
Installation/ mounting/ dimensions	
Mounting type	snap-on mounting
Width	24 mm
Height	70 mm
Depth	51.5 mm
Connections/Terminals	
Type of electrical connection for auxiliary and control current circuit	screw-type terminals
Type of connectable conductor cross-sections	
• for auxiliary contacts	

- finely stranded
- with core end processing
- at AWG conductors for auxiliary contacts

2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
2x (18 ... 12)

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Test Certificates	Shipping Approval	other
 CSA	 UL	Type Examination Special Test Certificate	 DNV	Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TY7561-1N>

Cax online generator

<http://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, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY7561-1N&lang=en

last modified:

07/14/2017