SIEMENS

Data sheet	3TY7561-1AA00

Auxiliary switch block for size 2...14 1st auxiliary switch block left or right

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 at AC rated value	690 V
surge voltage resistance rated value	6 kV

Auxiliary circuit	
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
operational current of auxiliary contacts at AC-12	
● at 24 V	10 A
● at 230 V	10 A
● maximum	10 A
operational current	
● of auxiliary contacts	
— at AC-14	
— at 125 V	10 A
— at AC-15	
— at 24 V	10 A
— at 230 V	5.6 A
— at 400 V	3.6 A
● at AC-15 at 690 V rated value	2.3 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

12.17.2020

— at 60 V	5 A
— at 110 V	1.14 A
— at 220 V	0.48 A

Installation/ mounting/ dimensions	
fastening method	snap-on mounting
width	12 mm
height	70 mm
depth	51.5 mm

Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections	
● for auxiliary contacts	
— finely stranded	
— with core end processing	2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
● at AWG cables for auxiliary contacts	2x (18 ... 12)

Safety related data	
product function positively driven operation acc. to IEC 60947-5-1	Yes

Certificates/ approvals

General Product Approval	Test Certificates
CSA CCC UL KC EAC	Special Test Certificate

other

Confirmation

Further information

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=3TY7561-1AA00
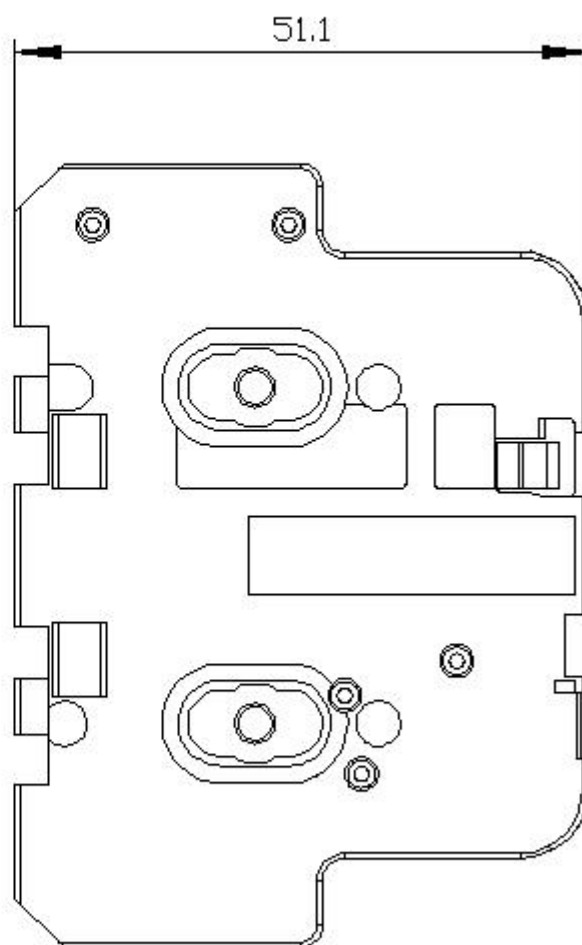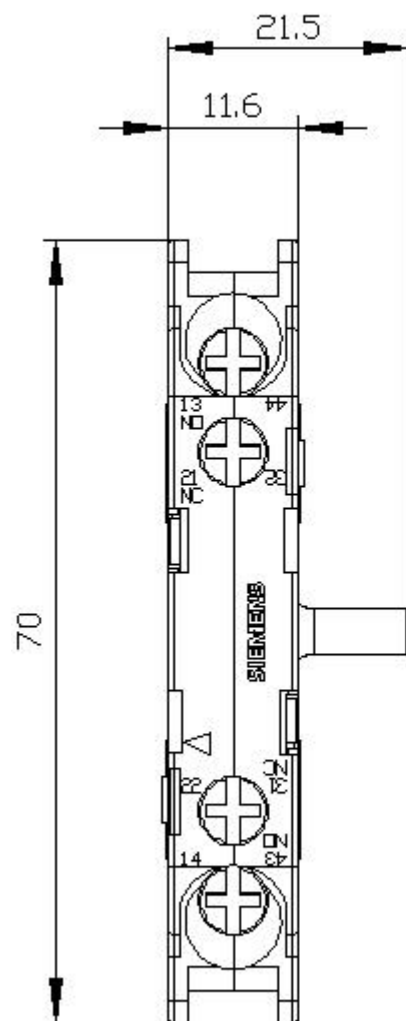**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY7561-1AA00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TY7561-1AA00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY7561-1AA00&lang=en

last modified: 7/20/2020

12.17.2020