



auxiliary switch 1 NO 1 NC overlapping for 3TF6 auxiliary switch left or right

<b>product category</b>	Auxiliary switch
<b>product designation</b>	auxiliary switch
<b>product type designation</b>	3TY7
<b>suitability for use</b>	Contactor relay and power contactor
<b>General technical data</b>	
<b>size of contactor</b>	2 ... 14
insulation voltage with degree of pollution 3 at AC rated value	690 V
<b>surge voltage resistance rated value</b>	6 kV
protection class IP on the front	IP20
<b>mechanical service life (operating cycles) typical</b>	10 000 000
<b>Substance Prohibitance (Date)</b>	07/01/2006
<b>Weight</b>	0.051 kg
<b>number of NC contacts for auxiliary contacts</b>	
• instantaneous contact	0
• lagging switching	1
<b>number of NO contacts for auxiliary contacts</b>	
• instantaneous contact	1
• leading contact	0
<b>number of CO contacts of auxiliary contacts instantaneous contact</b>	0
<b>operational current at AC-15 at 690 V rated value</b>	2.3 A
<b>operational current of auxiliary contacts at AC-12</b>	
• at 24 V	10 A
• at 230 V	10 A
<b>operational current of auxiliary contacts at AC-14</b>	
• at 125 V	10 A
<b>operational current of auxiliary contacts at AC-12 maximum</b>	10 A
<b>operational current of auxiliary contacts at AC-15</b>	
• at 24 V	10 A
• at 230 V	5.6 A
• at 400 V	3.6 A
<b>operational current of auxiliary contacts at DC-12</b>	
• at 24 V	10 A
• at 110 V	3.2 A
• at 220 V	0.9 A
<b>operational current of auxiliary contacts at DC-13</b>	
• at 24 V	6 A
• at 110 V	0.98 A
<b>Ambient conditions</b>	

<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	<p>-25 ... +55 °C</p> <p>-55 ... +80 °C</p>
<b>Safety related data</b>	
<b>product function</b>	
<ul style="list-style-type: none"> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	Yes
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	snap-on mounting
<b>height</b>	70 mm
<b>width</b>	12 mm
<b>depth</b>	51.5 mm
<b>Connections/ Terminals</b>	
type of electrical connection for auxiliary and control circuit	screw-type terminals
<b>connectable conductor cross-section for auxiliary contacts</b>	
<ul style="list-style-type: none"> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul>	<p>0.5 ... 2.5 mm<sup>2</sup></p> <p>0.5 ... 2.5 mm<sup>2</sup></p>
<b>type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>for auxiliary contacts <ul style="list-style-type: none"> <li>— solid or stranded</li> <li>— finely stranded with core end processing</li> </ul> </li> <li>for AWG cables for auxiliary contacts</li> </ul>	<p>2x (0,5 ... 1,0 mm<sup>2</sup>), 2x (1,0 ... 2,5 mm<sup>2</sup>)</p> <p>2x (0.5 ... 1.0 mm<sup>2</sup>), 2x (0.75 ... 2.5 mm<sup>2</sup>)</p> <p>2x (18 ... 12)</p>
<b>AWG number as coded connectable conductor cross section for auxiliary contacts</b>	18 ... 12
<b>Approvals Certificates</b>	
<b>General Product Approval</b>	other



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Confirmation

## Environment

[Environmental Confirmations](#)

## 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=3TY7561-1EA00>

### Cax online generator

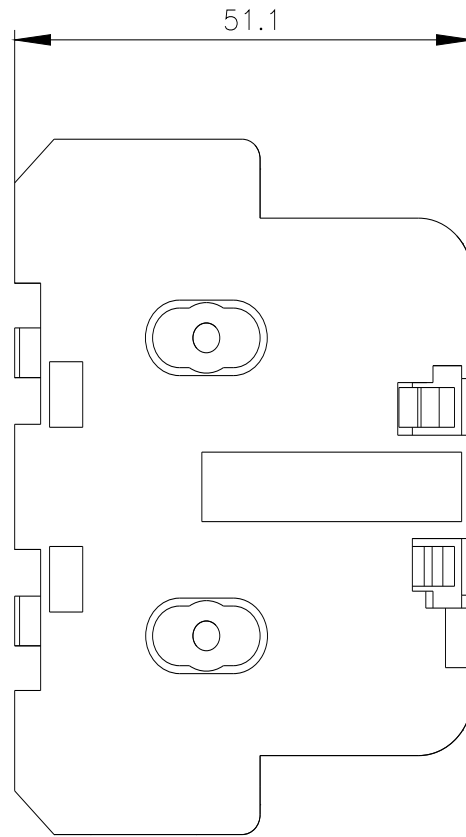
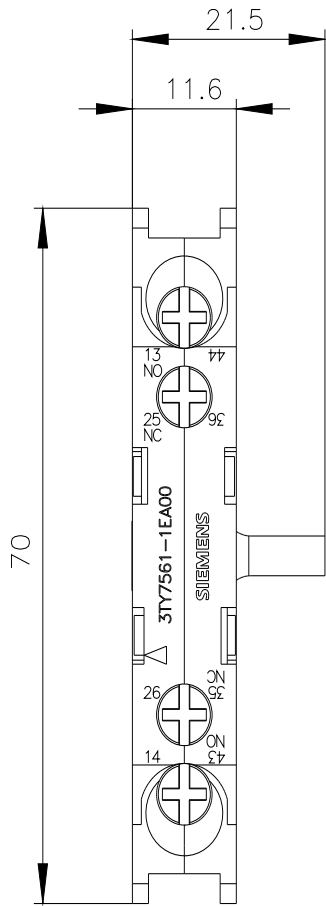
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY7561-1EA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TY7561-1EA00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TY7561-1EA00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY7561-1EA00&lang=en)



**Links/Left**

**Rechts/Right**

