



General technical data:

<b>Suitability for use</b>		Contactor relay and power contactor
<b>Protection class IP on the front</b>		IP20
<b>Ambient temperature</b>		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +55
Mechanical service life (switching cycles) typical		10 000 000
Insulation voltage with degree of pollution 3 Rated value	V	690
Surge voltage resistance Rated value	kV	6

Auxiliary circuit:

<b>Number of NC contacts for auxiliary contacts</b>		
• instantaneous contact		1
• lagging switching		0
<b>Number of NO contacts for auxiliary contacts</b>		
• instantaneous contact		1
• leading contact		0
<b>Operating current of the auxiliary contacts at AC-12</b>		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
<b>Operating current</b>		
• of the auxiliary contacts		
— at AC-14		

— at 125 V	A	10
— at AC-15		
— at 24 V	A	10
— at 230 V	A	5.6
— at 400 V	A	3.6
• at AC-15 at 690 V Rated value	A	2.3
<b>Operating current</b>		
• of the auxiliary contacts at DC-13		
— at 24 V	A	10
— at 60 V	A	5
— at 110 V	A	1.14
— at 220 V	A	0.48

Installation/ mounting/ dimensions:		
<b>Mounting type</b>		snap-on mounting
<b>Width</b>	mm	12
<b>Height</b>	mm	70
<b>Depth</b>	mm	51.5

Connections/ Terminals:		
Type of electrical connection for auxiliary and control current circuit		screw-type terminals
<b>Type of connectable conductor cross-section</b>		
• for auxiliary contacts		
— finely stranded		
— with core end processing		2x (0.5 ... 1.0 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )
• for AWG conductors for auxiliary contacts		2x (18 ... 12)

Safety related data:		
<b>Product function positively driven operation acc. to IEC 60947-5-1</b>		Yes

Certificates/ approvals:		

General Product Approval	Functional Safety/Safety of Machinery
--------------------------	---------------------------------------



[Type Examination Certificate](#)

[Type Examination](#)

Test Certificates	Shipping Approval	other
-------------------	-------------------	-------

[Special Test Certificate](#)



[Declaration of Conformity](#)

### Further information

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

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

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3TY75611KA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TY75611KA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3TY75611KA00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3TY75611KA00&lang=en)