



CONTACTOR SIZE 6 3-POLE AC-3 55KW,  
400/380V AUXILIARY CONTACTS 21 (2NO+1NC) SETTING  
RANGE 0.7 TO 1.25X US SWITCHED WITH VARISTOR DC  
OPERATION DC SOLENOID SYSTEM DC 24V

### General details:

<b>Size of the contactor</b>		6
<b>Protection class IP / on the front</b>		IP00
<b>Ambient temperature</b>		
• during operating	°C	-50 ... +70
<b>Reference code</b>		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		Q
<b>Number of poles / for main current circuit</b>		3
<b>Operating current / at AC-1 / at 400 V</b>		
• at 40 °C ambient temperature / rated value	A	170
• at 60 °C ambient temperature / rated value	A	160
<b>Impulse voltage resistance / rated value</b>	kV	8

### Main circuit:

<b>Number of NC contacts / for main contacts</b>		0
<b>Number of NO contacts / for main contacts</b>		3
<b>Operating current / at AC-3 / at 400 V / rated value</b>	A	110
<b>Service power</b>		
• at AC-3 / at 400 V / rated value	kW	55

• at AC-1 / at 400 V / rated value

kW	105
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#### Control circuit:

<b>Design of activation / of the operating mechanism</b>		conventional
<b>Design of the surge suppressor</b>		with varistor
<b>Voltage type / of control feed voltage</b>		DC
<b>Control supply voltage</b> • for DC / rated value	V	24

#### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b> • lagging switching • instantaneous switching		0 1
<b>Number of NO contacts / for auxiliary contacts</b> • leading switching • instantaneous switching		0 2





#### Connection type:

<b>Design of the electrical connection</b> • for main current circuit • for auxiliary and control current circuit		screw-type terminals screw-type terminals
<b>Identification number and letter for switching elements</b>		21

#### Mechanical design:

<b>Mounting type</b>		screw fixing
<b>Mounting type / series installation</b>		Yes
<b>Width</b>	mm	134
<b>Height</b>	mm	150
<b>Depth</b>	mm	198

#### Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates
		
		
		<a href="#">Special Test Certificate</a>

other

[Declaration of Conformity](#)      [other](#)

#### Further information:

**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<http://www.siemens.com/industrial-controls/catalogs>

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**Industry Mall (Online ordering system)**

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

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**Cax online generator:**

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

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

<http://support.automation.siemens.com/WW/view/en/3TB5017-0LB4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TB5017-0LB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TB5017-0LB4)

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**last change:**

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