

AC-1 CONTACTOR, 4-POLE, 1000 A, MAIN CONTACTS 4 NO, AUXILIARY CONTACTS 2NO+2NC, AC OPERATION AC 110V 50HZ/AC 120V 60HZ



Figure similar

### General technical data:

Protection class IP on the front		IP00
Ambient temperature during operation	°C	-25 ... +55
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		Q
Number of poles for main current circuit		4
Operating current at AC-1 at 400 V		
• at ambient temperature 40 °C Rated value	A	1 000

### Main circuit:

Number of NC contacts for main contacts		0
Number of NO contacts for main contacts		4
Operating current at AC-3 at 400 V Rated value	A	700
Operating power		
• at AC-3 at 400 V Rated value	kW	370
• at AC-1 at 400 V Rated value	kW	655

### Control circuit/ Control:

Control version of the switch operating mechanism		conventional
Type of voltage of the control supply voltage		AC
Control supply voltage frequency		
• 1 Rated value	Hz	50
• 2 Rated value	Hz	60
Control supply voltage		
• with AC		

— at 50 Hz		
— Rated value	V	110
<b>Number of NC contacts for auxiliary contacts</b>		
• lagging switching		0
• instantaneous contact		2
<b>Number of NO contacts for auxiliary contacts</b>		
• leading contact		0
• instantaneous contact		2



#### Auxiliary circuit:

<b>Number of NC contacts for auxiliary contacts</b>		2
<b>Type of electrical connection for main current circuit</b>		screw-type terminals
<b>Type of electrical connection for auxiliary and control current circuit</b>		screw-type terminals
<b>Identification number and letter for switching elements</b>		22

#### Mechanical data:

<b>Mounting type</b>		screw fixing
<b>Mounting type Side-by-side mounting</b>		Yes
<b>Width</b>	mm	266
<b>Height</b>	mm	272
<b>Depth</b>	mm	225.5

#### Certificates/ approvals:

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

#### 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&mlfb=3TK17420AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK17420AF0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK17420AF0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK17420AF0&lang=en)

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