

AC-1 CONTACTOR, 4-POLE, 300 A, MAIN CONTACTS 4 NO,
AUXILIARY CONTACTS 2NO+2NC, AC OPERATION AC
220...230V 50HZ



Figure similar

General technical data:

Protection class IP on the front	IP00
Ambient temperature during operation	-25 ... +55 °C
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	300 A

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	210 A
Operating power	
• at AC-3 at 400 V Rated value	110 kW
• at AC-1 at 400 V Rated value	195 kW

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	50 Hz
• 2 Rated value	50 Hz
Control supply voltage	
• with AC	

— at 50 Hz	
— Rated value	230 V
Number of NC contacts for auxiliary contacts	
• lagging switching	0
• instantaneous contact	2
Number of NO contacts for auxiliary contacts	
• leading contact	0
• instantaneous contact	2




Auxiliary circuit:

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

Mechanical data:

Mounting type	screw fixing
Mounting type Side-by-side mounting	Yes
Width	225 mm
Height	198 mm
Depth	172 mm

Certificates/ approvals:

General Product Approval	Test Certificates	other
 CCC	 EAC	 UL
	Special Test Certificate	Declaration of Conformity
		Environmental Confirmations

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=3TK12420AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK12420AP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK12420AP0&lang=en

last modified:

05.05.2015