

AC-1 CONTACTOR, 4-POLE, 550 A, MAIN CONTACTS 4 NO,
AUXILIARY CONTACTS 2NO+2NC, AC OPERATION AC
220...230V 50HZ/AC 240V 60HZ



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	550 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	400 A
Operating power • at AC-3 at 400 V rated value • at AC-1 at 400 V rated value	200 kW 360 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	50 Hz 60 Hz
Control supply voltage	230 V
• at AC — at 50 Hz — rated value	
Number of NC contacts for auxiliary contacts	0 2
• lagging switching • instantaneous contact	
Number of NO contacts for auxiliary contacts	0 2
• leading contact • instantaneous contact	

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	266 mm
Height	272 mm
Depth	225.5 mm

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
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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=3TK1442-0AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK1442-0AP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK1442-0AP0&lang=en

last modified:

10/07/2016