



Figure similar

AC-1 CONTACTOR, 4-POLE, 550 A, MAIN CONTACTS 4 NO,
AUXILIARY CONTACTS 2NO+2NC, AC OPERATION AC 110V
50HZ/AC 120V 60HZ

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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 1 Rated value • 2 Rated value 	50 Hz 60 Hz
Control supply voltage <ul style="list-style-type: none"> • with AC 	

— at 50 Hz	
— Rated value	110 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	266 mm
Height	272 mm
Depth	225.5 mm

Certificates/ approvals:

General Product Approval	Test Certificates	other
 CCC		Special Test Certificate Environmental Confirmations 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&mlfb=3TK14420AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK14420AF0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK14420AF0&lang=en

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