



CONTACTOR SIZE 12 2 -POLE NOM. OPER. CURRENT
400 A AUX. SWITCHES 44 E (4NO+4NC) ALT. CURRENT
ACTUATION 120 V AC 60 HZ/100 V AC 50 HZ

General details:

Size of the contactor		12
Number of poles		2
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
Reference code / according to DIN EN 61346-2		Q
Protection class IP		IP00
Ambient temperature		
• during operating	°C	-25 ... +55

Control circuit:

Type of voltage		AC
Control supply voltage		
• at 50 Hz / at AC / rated value / minimum	V	100
• at 50 Hz / at AC / rated value / maximum	V	100
• at 60 Hz / at AC / rated value / minimum	V	120
• at 60 Hz / at AC / rated value / maximum	V	120

Main circuit:

Number of NO contacts / for main contacts		2
Number of NC contacts / for main contacts		0

Operating current		
• at DC-3 / at DC-5 / at 440 V / rated value	A	400
• at DC-3 / at DC-5 / at 220 V / rated value	A	400
• at DC-3 / at DC-5 / at 600 V / rated value	A	400
• at DC-3 / at DC-5 / at 750 V / rated value	A	400
Service power		
• at DC-3 / at DC-5 / at 110 V / rated value	kW	35
• at DC-3 / at DC-5 / at 220 V / rated value	kW	70
• at DC-3 / at DC-5 / at 440 V / rated value	kW	140
• at DC-3 / at DC-5 / at 600 V / rated value	kW	200
• at DC-3 / at DC-5 / at 750 V / rated value	kW	250

Auxiliary circuit:

Identification number and letter for switching elements		44
Number of NO contacts / for auxiliary contacts		4
Number of NC contacts / for auxiliary contacts		4
Number of changeover contacts / for auxiliary contacts		0





Connection type:

Design of the electrical connection / for main current circuit		screw-type terminals
Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals

Mechanical design:

Mounting type		screw fixing
Mounting type / series installation		Yes
Width	mm	160
Height	mm	278.5
Depth	mm	255

Certificates/approvals:

General Product Approval		Test Certificates	Shipping Approval
			
CCC	CSA	Special Test Certificate	RMRS

other

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

Further information:

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

Industry Mall (Online ordering system)

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

Cax online generator:

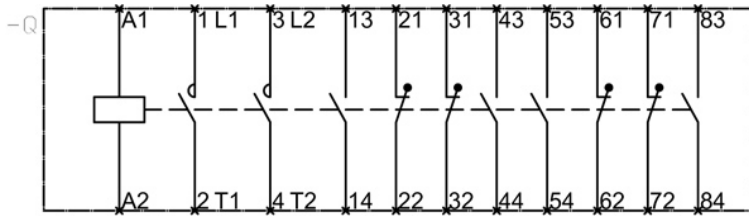
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TC5614-0BK1/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TC5614-0BK1



last change:

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