



CONTACTOR SIZE 12,
2-POLE DC-3 AND 5,RATD.OPER.CURR. 400A AUXILIARY
CONTACTS 44 (4NO+4NC) DC OPERATION DC 220V

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		DC
Control supply voltage • for DC / rated value / minimum • for DC / rated value / maximum	V	220 220

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
• at DC-3 / at DC-5 / at 1500 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
• at DC-3 / at DC-5 / at 1200 V / rated value	kW	400
• at DC-3 / at DC-5 / at 1500 V / rated value	kW	500

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	374
Depth	mm	288

Certificates/approvals:				
General Product Approval	Test Certificates	other		
 ccc		Special Test Certificate	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:

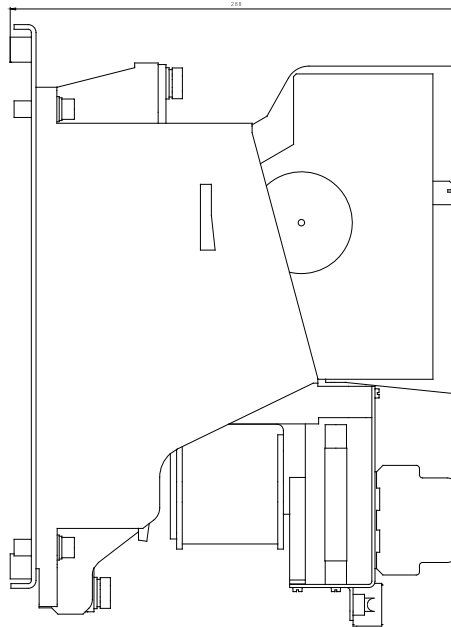
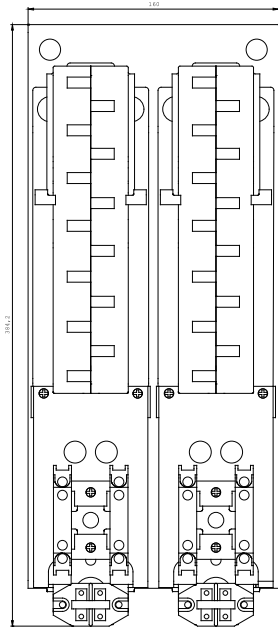
<http://www.siemens.com/cax>

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

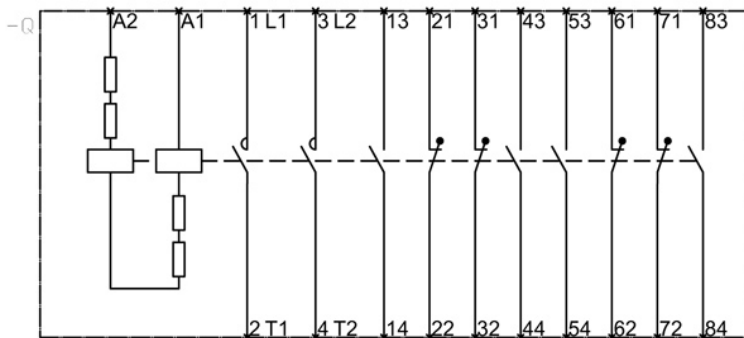
<http://support.automation.siemens.com/WW/view/en/3TC7814-0EM/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TC7814-0EM



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