



CONTACTOR SIZE 12, 1-POLE DC-3 AND 5,
400A AUX. SWITCH 4NO+4NC DC ACTUATION DC 36V
OPERATING RANGE 0.7 ...1.2 X US

General details:

Size of the contactor		12
Number of poles		1
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	36
	V	36

Main circuit:

Number of NO contacts / for main contacts		1
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

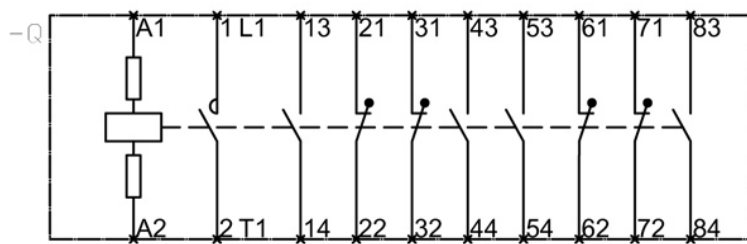
Auxiliary circuit:		
Identification number and letter for switching elements		44
Number of NO contacts / for auxiliary contacts		4
Number of NC contacts / for auxiliary contacts		4
Number of changeover contacts / for auxiliary contacts		0

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	78
Height	mm	360
Depth	mm	276

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/3TC7414-0EV/all



last change:

Jul 7, 2014