



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

Figure similar

General technical data:

Size of contactor		12
Number of poles		2
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
Protection class IP		IP00
Ambient temperature during operation	°C	-25 ... +55

Control circuit/ Control:

Type of voltage		DC
Control supply voltage		
• for DC Rated value	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 220 V Rated value	A	400
— at 600 V Rated value	A	400
— at 750 V Rated value	A	400
— at 1500 V Rated value	A	400
Operating power		
• at DC-3 at DC-5		

— at 110 V Rated value	kW	35
— at 220 V Rated value	kW	70
— at 440 V Rated value	kW	140
— at 600 V Rated value	kW	200
— at 750 V Rated value	kW	250
— at 1200 V Rated value	kW	400
— 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 CO contacts for auxiliary contacts		0



#### Connections/ Terminals:

Type of electrical connection for main current circuit		screw-type terminals
Type of electrical connection for auxiliary and control current circuit		screw-type terminals

#### Mechanical data:

Mounting type		screw fixing
Mounting type Side-by-side mounting		Yes
Width	mm	160
Height	mm	374
Depth	mm	288

#### Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Test Certificates	other
 ccc		<a href="#">Type Examination Certificate</a>	<a href="#">Special Test Certificate</a>
			<a href="#">Declaration of Conformity</a>
			<a href="#">other</a>

#### 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

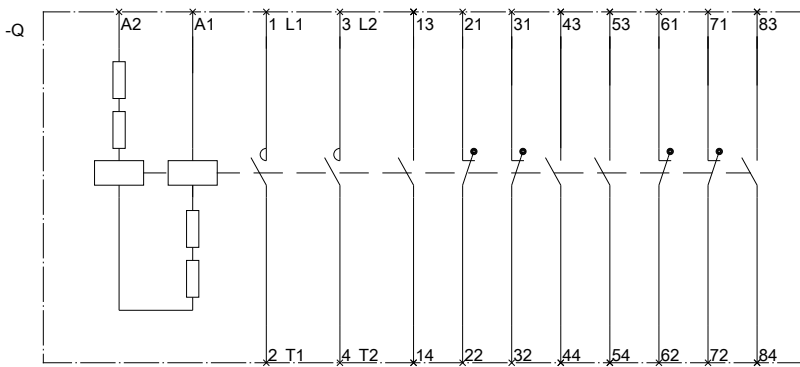
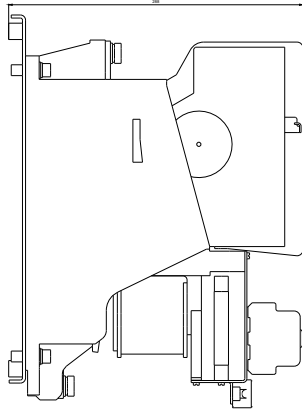
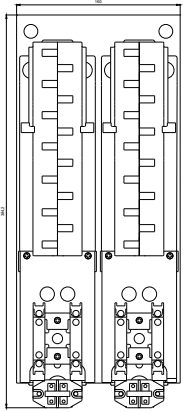
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC78140EM>

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

<http://support.automation.siemens.com/WW/view/en/3TC78140EM/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TC78140EM&lang=en>



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