

CONTACTOR SIZE 12, 1-POLE DC-3 AND  
5,RATD.OPER.CURR. 400A AUXILIARY CONTACTS  
44 (4NO+4NC) DC OPERATION DC 125V

General technical data:

Size of contactor		12
Number of poles		1
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		
<ul style="list-style-type: none"> <li>• for DC Rated value</li> </ul>	V	125 ... 125

Main circuit:

Number of NO contacts for main contacts		1
Number of NC contacts for main contacts		0
Operating current		
<ul style="list-style-type: none"> <li>• at DC-3 at DC-5</li> </ul>		
<ul style="list-style-type: none"> <li>— at 440 V Rated value</li> </ul>	A	400
<ul style="list-style-type: none"> <li>— at 220 V Rated value</li> </ul>	A	400
<ul style="list-style-type: none"> <li>— at 600 V Rated value</li> </ul>	A	400
<ul style="list-style-type: none"> <li>— at 750 V Rated value</li> </ul>	A	400
Operating power		
<ul style="list-style-type: none"> <li>• at DC-3 at DC-5</li> </ul>		
<ul style="list-style-type: none"> <li>— at 110 V Rated value</li> </ul>	kW	35
<ul style="list-style-type: none"> <li>— at 220 V Rated value</li> </ul>	kW	70
<ul style="list-style-type: none"> <li>— at 440 V Rated value</li> </ul>	kW	140
<ul style="list-style-type: none"> <li>— at 600 V Rated value</li> </ul>	kW	200
<ul style="list-style-type: none"> <li>— at 750 V Rated value</li> </ul>	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 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	78
Height	mm	360
Depth	mm	276

#### Certificates/ approvals:

General Product Approval

Functional Safety/Safety of Machinery



CCC



[Type Examination Certificate](#)

#### 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=3TC74140EG>

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

<http://support.automation.siemens.com/WW/view/en/3TC74140EG/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TC74140EG&lang=en>

last modified:

09.03.2015