

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	-25 ... +55 °C

Control circuit/ Control:

Type of voltage	DC
Control supply voltage	
• at DC rated value	125 ... 125 V

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

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	78 mm
Height	360 mm
Depth	276 mm

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Baumusterprüfbescheinigung](#)



EG-Konf.

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

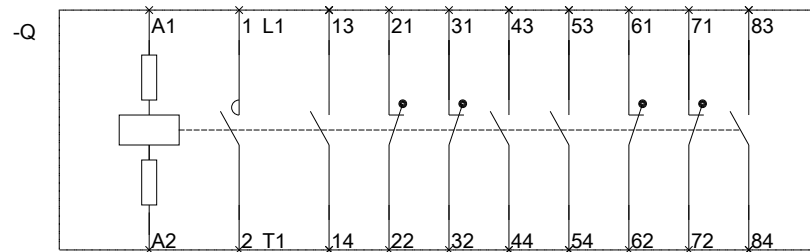
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC7414-0EG>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TC7414-0EG>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TC7414-0EG&lang=en



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