

Figure similar

CONTACTOR SIZE 12 3-POLE DC-3 AND 5, 400 A AT
750V AUXILIARY CONTACTS 21 (2NO+1NC)
SETTING RANGE 0.7 TO 1.25X US SWITCHED WITH
VARISTOR DC OPERATION DC SOLENOID SYSTEM
DC 110V

General technical data:

Size of contactor		12
Protection class IP on the front		IP00
Ambient temperature during operation	°C	-50 ... +70
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
Number of poles for main current circuit		3
Operating current at AC-1 at 400 V		
• at ambient temperature 40 °C Rated value	A	425
• at ambient temperature 60 °C Rated value	A	400
Surge voltage resistance Rated value	kV	8

Main circuit:

Number of NC contacts for main contacts		0
Number of NO contacts for main contacts		3
Operating current at AC-3 at 400 V Rated value	A	400
Operating power		
• at AC-3 at 400 V Rated value	kW	200
• at AC-1 at 400 V Rated value	kW	262

Control circuit/ Control:

Control version of the switch operating mechanism		conventional
Design of the surge suppressor		with varistor
Type of voltage of the control supply voltage		DC
Control supply voltage		

- for DC
- Rated value

V	110
---	-----

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
• lagging switching		0
• instantaneous contact		1
Number of NO contacts for auxiliary contacts		
• leading contact		0
• instantaneous contact		2


Connections/ Terminals:

Type of electrical connection		
• for main current circuit		screw-type terminals
• for auxiliary and control current circuit		screw-type terminals
Identification number and letter for switching elements		21

Mechanical data:

Mounting type		screw fixing
Mounting type Side-by-side mounting		Yes
Width	mm	174
Height	mm	200
Depth	mm	282

Certificates/ approvals:

General Product Approval		Test Certificates	other
			
CCC	CSA	UR	
		Special Test Certificate	Declaration of Conformity
other			
other			

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=3TB56170LF4>

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

<http://support.automation.siemens.com/WW/view/en/3TB56170LF4/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TB56170LF4&lang=en>

last modified:

15.01.2015