

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
24V

General details:

Size of the contactor		12
Protection class IP / on the front		IP00
Ambient temperature		
• during operating	°C	-50 ... +70
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		Q
Number of poles / for main current circuit		3
Operating current / at AC-1 / at 400 V		
• at 40 °C ambient temperature / rated value	A	425
• at 60 °C ambient temperature / rated value	A	400
Impulse 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
Service power		
• at AC-3 / at 400 V / rated value	kW	200
• at AC-1 / at 400 V / rated value	kW	262

Control circuit:

Design of activation / of the operating mechanism		conventional
Design of the surge suppressor		with varistor
Voltage type / of control feed voltage		DC
Control supply voltage		
• for DC / rated value	V	24

Auxiliary circuit:

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

Connection type:

Design of the 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 design:

Mounting type		screw fixing
Mounting type / series installation		Yes
Width	mm	174
Height	mm	200
Depth	mm	282

Certificates/approvals:

General Product Approval



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/3TB5617-0LB4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TB5617-0LB4

last change:

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