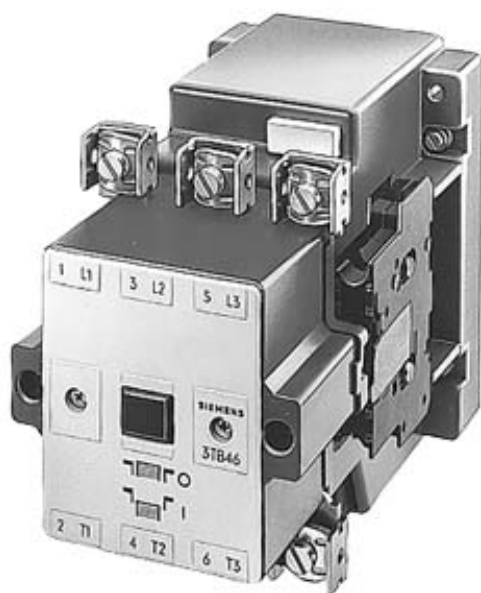




CONTACTOR SIZE 12 3-POLE DC-3 AND 5,
400 A AT 750V AUXILIARY CONTACTS 21 (2NO+1NC)
SETTING RANGE 0.7 TO 1.25X US SWITCHED WITH
VARISTOR DC OPERATION DC SOLENOID SYSTEM DC
110V

General 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

110

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts

• 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

Test Certificates



CCC



CSA



UR

[Special Test Certificate](#)

other

[Declaration of Conformity](#)

[other](#)

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/3TB5617-0LF4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TB5617-0LF4

last change:

Jun 16, 2014