

CONTACTOR, SIZE 2, 2-POLE DC 3 AND 5,  
32 A AUXILIARY SWITCH 11 (1NO+1NC) 2X AUX. SWITCH  
SUITABLE FOR ELECTRONICS AC OPERATION 120V  
50/60HZ SPECIAL-PURPOSE DEVICE

### General details:

<b>Size of the contactor</b>		2
<b>Number of poles</b>		2
<b>Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</b>		K
<b>Reference code / according to DIN EN 61346-2</b>		Q
<b>Protection class IP</b>		IP00
<b>Ambient temperature</b> • during operating	°C	-25 ... +55

### Control circuit:

<b>Type of voltage</b>		AC
<b>Control supply voltage</b> • at 50 Hz / at AC / rated value / minimum • at 50 Hz / at AC / rated value / maximum • at 60 Hz / at AC / rated value / minimum • at 60 Hz / at AC / rated value / maximum	V	120 120 120 120

### Main circuit:

<b>Number of NO contacts / for main contacts</b>		2
<b>Number of NC contacts / for main contacts</b>		0
<b>Operating current</b> • at DC-3 / at DC-5 / at 440 V / rated value • at DC-3 / at DC-5 / at 220 V / rated value • at DC-3 / at DC-5 / at 600 V / rated value • at DC-3 / at DC-5 / at 750 V / rated value	A	29 32 21 7.5
<b>Service power</b> • at DC-3 / at DC-5 / at 110 V / rated value • at DC-3 / at DC-5 / at 220 V / rated value • at DC-3 / at DC-5 / at 440 V / rated value • at DC-3 / at DC-5 / at 600 V / rated value • at DC-3 / at DC-5 / at 750 V / rated value	kW	2.5 5 9 9 4

#### Auxiliary circuit:

Number of NO contacts / for auxiliary contacts

1

Number of NC contacts / for auxiliary contacts

1

Number of changeover contacts / for auxiliary contacts

2

#### Connection type:

Design of the electrical connection / for main current circuit

screw-type terminals

Design of the electrical connection / for auxiliary and control current circuit

screw-type terminals

#### Mechanical design:

Mounting type

screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022

Mounting type / series installation

Yes

Width

mm 81

Height

mm 85

Depth

mm 104

#### Certificates/approvals:

General Product Approval

Test Certificates

Shipping Approval



CCC



CSA



UL

[Special Test Certificate](#)



RMRS

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:

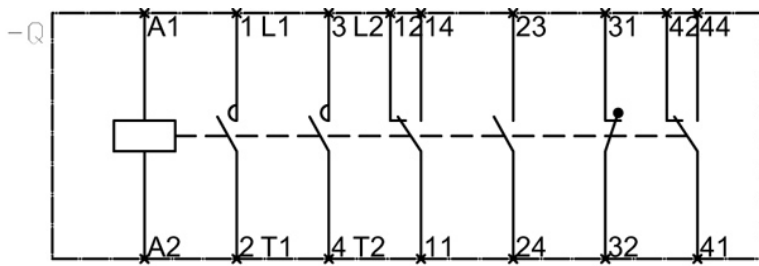
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TC4413-0BK2/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TC4413-0BK2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TC4413-0BK2)



last change:

Aug 4, 2014