



CONTACTOR SIZE 2 2-POLE WITH DELAYED DISCONNECTION. AUX. SWITCHES 2NO + 1NC 380/440 V AC 50 HZ/60 HZ

General details:

Size of the contactor		2
Number of poles		2
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
Reference code / according to DIN EN 61346-2		Q
Protection class IP		IP00
Ambient temperature		
<ul style="list-style-type: none"> during operating 	°C	-25 ... +55

Control circuit:

Type of voltage		AC
Control supply voltage		
<ul style="list-style-type: none"> at 50 Hz / at AC / rated value / minimum 	V	440
<ul style="list-style-type: none"> at 50 Hz / at AC / rated value / maximum 	V	380
<ul style="list-style-type: none"> at 60 Hz / at AC / rated value / minimum 	V	380
<ul style="list-style-type: none"> at 60 Hz / at AC / rated value / maximum 	V	440

Main circuit:

Number of NO contacts / for main contacts		2
Number of NC contacts / for main contacts		0

Operating current		
• at DC-3 / at DC-5 / at 440 V / rated value	A	29
• at DC-3 / at DC-5 / at 220 V / rated value	A	32
• at DC-3 / at DC-5 / at 600 V / rated value	A	21
• at DC-3 / at DC-5 / at 750 V / rated value	A	7.5
Service power		
• at DC-3 / at DC-5 / at 110 V / rated value	kW	2.5
• at DC-3 / at DC-5 / at 220 V / rated value	kW	5
• at DC-3 / at DC-5 / at 440 V / rated value	kW	9
• at DC-3 / at DC-5 / at 600 V / rated value	kW	9
• at DC-3 / at DC-5 / at 750 V / rated value	kW	4

Auxiliary circuit:

Identification number and letter for switching elements		21
Number of NO contacts / for auxiliary contacts		2
Number of NC contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0




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	85
Height	mm	120
Depth	mm	107

Certificates/approvals:

General Product Approval	Test Certificates	Shipping Approval	other
 CCC	 EAC	 RMRS	Special Test Certificate 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:

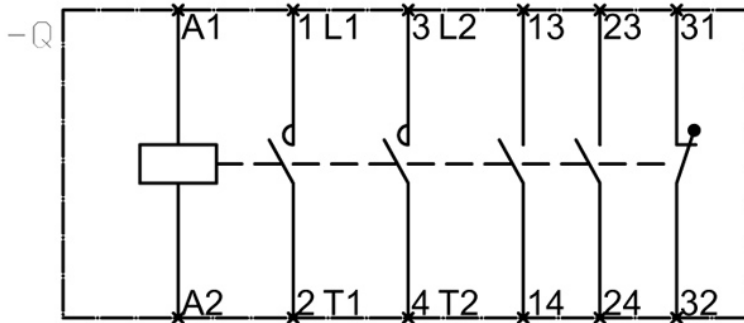
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TC4416-5CQ0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TC4416-5CQ0



last change:

Aug 4, 2014