



CONTACTOR SIZE 00 3-POLE AC-3 4KW/400V,  
PIN, PLUG CON. 6.3 MM,  
FOR SIMODRIVE AUX. SWITCH 02 E (2NC) WIDTH 90 MM  
DC MAGNET SYSTEM,  
0.97...1.1 US 24 V DC

### General details:

Size of contactor		0
Protection class IP / on the front		IP20
Ambient temperature / during operation	°C	55 ... -25
Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750		K
Reference code / acc. to DIN EN 61346-2		Q

### Main circuit:

Number of poles / for main current circuit		6
Operating current / at AC-1 / at 400 V		
• at ambient temperature 40 °C / Rated value	A	16
Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		6
Operating current / at AC-3 / at 400 V / Rated value	A	9
Operating power		
• at AC-3 / at 400 V / Rated value	kW	4
• at AC-1 / at 400 V / Rated value	kW	10

### Control circuit:

Control version / of the switch operating mechanism		conventional
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Type of voltage / of the control supply voltage		DC
Control supply voltage		
• for DC / Rated value	V	24

#### Auxiliary circuit:

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






#### Connection type:

Design of the electrical connection		
• for main current circuit		tab terminals
• for auxiliary and control current circuit		tab terminals
Identification number and letter for switching elements		02 E

#### Mechanical design:

Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Mounting type / Side-by-side mounting		Yes
Width	mm	90
Height	mm	48
Depth	mm	68

#### Certificates/approvals:

General Product Approval	Functional Safety / Safety of Machinery	Test Certificates
 CCC	 UR	<a href="#">Type Examination</a> <a href="#">Special Test Certificate</a>
 CSA		
Shipping Approval	other	
 GL	<a href="#">Declaration of Conformity</a>	<a href="#">Environmental Confirmations</a>

#### 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>

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**Cax online generator:**

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

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

<http://support.automation.siemens.com/WW/view/en/3TF2185-8BB4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TF2185-8BB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TF2185-8BB4)

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**last change:**

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