



CONTACTOR SIZE 00 3-POLE AC-3 4KW/400V,  
PIN, PLUG CON. 6.3 MM,  
FOR SIMODRIVE AUX. SWITCH 02 E (1NC) WIDTH 90 MM  
DC MAGNET SYSTEM,  
0.97...1.1 US 24 V DC

### General details:

Size of the contactor		0
Protection class IP / on the front		IP20
Ambient temperature / during operating	°C	55 ... -25
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
Item designation / according 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 40 °C ambient temperature / rated value	A	16
Number of NC contacts / for main contacts		0
Number of NO contacts / for main contacts		6
Operational current / at AC-3 / at 400 V / rated value	A	9
Service power		
• at AC-3 / at 400 V / rated value	kW	4
• at AC-1 / at 400 V / rated value	kW	10

### Control circuit:

Design of activation / of the operating mechanism		conventional
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<b>Type of voltage / of the controlled supply voltage</b>		DC
<b>Control supply voltage</b>		
• for DC / rated value	V	24

#### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b>		
• lagging switching		0
• instantaneous switching		2
<b>Number of NO contacts / for auxiliary contacts</b>		
• leading switching		0
• instantaneous switching		0

#### Connection type:

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

#### Mechanical design:

<b>Type of mounting</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Type of fixing/fixation / series installation</b>		Yes
<b>Width</b>	mm	90
<b>Height</b>	mm	48
<b>Depth</b>	mm	68

#### Certificates/approvals:

<b>General Product Approval</b>	<b>Functional Safety / Safety of Machinery</b>	<b>Test Certificates</b>
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[Type Examination](#)

[Special Test Certificate](#)

#### Shipping Approval

other



[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

#### 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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