



CONTACTOR, SIZE 00, 3-POLE AC-3,  
4KW/400V,  
SCREW TERMINALS AUXILIARY CONTACT 10E (1NO) AC  
OPERATION AC 110V 50HZ/AC 132V 60HZ

### General details:

Size of the contactor		0
Protection class IP / on the front		IP20
Ambient temperature / during operating	°C	55 ... -25
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

### Main circuit:

Number of poles / for main current circuit		3
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		3
Operating current / at AC-3 / at 400 V / rated value	A	9
Operating performance		
• 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>Voltage type / of control feed voltage</b>		AC
<b>Control supply voltage frequency</b>		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
<b>Control supply voltage</b>		
• at 50 Hz / at AC / rated value	V	110
• at 60 Hz / at AC / rated value	V	132

#### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b>		
• lagging switching		0
• instantaneous switching		0
<b>Number of NO contacts / for auxiliary contacts</b>		
• leading switching		0
• instantaneous switching		1

#### Connection type:

<b>Design of the electrical connection</b>		
• for main current circuit		screw-type terminals
• for auxiliary and control current circuit		screw-type terminals
<b>Identification number and letter for switching elements</b>		10 E

#### Mechanical design:

<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Mounting type / series installation</b>		Yes
<b>Width</b>	mm	45
<b>Height</b>	mm	48
<b>Depth</b>	mm	68

#### Certificates/approvals:

General Product Approval				Functional Safety / Safety of Machinery	Test Certificates
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CCC



CSA



UL

[Type Examination](#)

[Special Test Certificate](#)

### Shipping Approval



DNV



GL



LRS



RMRS

### 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>

#### Cax online generator:

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

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

<http://support.automation.siemens.com/WW/view/en/3TF2010-0AF0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TF2010-0AF0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TF2010-0AF0)

last change:

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