

CONTACTOR, SIZE 00, 3-POLE AC-3,4KW/400V,SCREW  
 TERMINALS AUXILIARY CONTACT 01E (1NC) AC OPERATION  
 AC 120V 60HZ/AC 110V 50HZ



Figure similar

### General technical data:

Size of contactor	0
Protection class IP on the front	IP20
Ambient temperature during operation	55 ... -25 °C
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Equipment marking acc. 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 ambient temperature 40 °C Rated value	16 A
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	9 A
Operating power	
• at AC-1 at 400 V Rated value	10 kW
• at AC-3 at 400 V Rated value	4 kW

### Control circuit/ Control:

<b>Control version of the switch operating mechanism</b>	conventional
<b>Type of voltage of the control supply voltage</b>	AC
<b>Control supply voltage frequency</b>	
• 1 Rated value	50 Hz
• 2 Rated value	60 Hz
<b>Control supply voltage</b>	
• at AC	
— at 50 Hz	
— Rated value	120 V
— at 60 Hz	
— Rated value	110 V

#### Auxiliary circuit:

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

#### Connections/ Terminals:

<b>Type of 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>	01 E

#### Mechanical data:

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

#### Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

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

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF20010AK6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF20010AK6>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TF20010AK6&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF20010AK6&lang=en)

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