

CONTACTOR, SIZE 00, 3-POLE AC-3, 4KW/400V, SCREW
TERMINALS AUXILIARY CONTACT 10E (1NO) AC OPERATION
AC 42V 50HZ/AC 50V 60HZ



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 - at AC-3 at 400 V rated value	10 kW 4 kW

Control circuit/ Control:	
Control version of the switch operating mechanism	conventional
Type of voltage of the control supply voltage	AC
Control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
Control supply voltage	
• at AC	
— at 50 Hz	
— rated value	42 V
— at 60 Hz	
— rated value	50 V

Auxiliary circuit:	
Number of NC contacts for auxiliary contacts	
• lagging switching	0
• instantaneous contact	0
Number of NO contacts for auxiliary contacts	
• leading contact	0
• instantaneous contact	1

Connections/ Terminals:	
Type of electrical connection	
• for main current circuit	screw-type terminals
• for auxiliary and control current circuit	screw-type terminals
Identification number and letter for switching elements	10 E

Mechanical data:	
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	45 mm
Height	48 mm
Depth	68 mm

Certificates/ approvals:	
---------------------------------	--

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
--------------------------	---------------------------------------	---------------------------



[Baumusterbescheinigung](#)



Test Certificates	Shipping Approval	other
-------------------	-------------------	-------

[spezielle Prüfbescheinigungen](#)



[Umweltbestätigung](#)

other

[sonstig](#)

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=3TF2010-0AD0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-0AD0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2010-0AD0&lang=en

last modified:

10/17/2016