

CONTACTOR, SIZE 00, 3-POLE AC-3, 4KW/400V, SCREW
 TERMINALS AUXILIARY CONTACT 10E (1NO) AC OPERATION
 AC 230V 60HZ/AC 192V 50HZ

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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 1 rated value • 2 rated value 	50 Hz 60 Hz
Control supply voltage <ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz — rated value — at 60 Hz — rated value 	192 V 230 V

Auxiliary circuit:

Number of NC contacts for auxiliary contacts <ul style="list-style-type: none"> • lagging switching • instantaneous contact 	0 0
Number of NO contacts for auxiliary contacts	

- leading contact
- instantaneous contact

0

1

Connections/ Terminals:

Type of electrical connection	
<ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit 	screw-type terminals 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
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[Baumusterbescheinigung](#)



Test Certificates	Shipping Approval	other
spezielle Prüfbescheinigungen <p>GL</p> <p>RMRS</p>		sonstig Umweltbestätigung Bestätigungen

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=3TF2010-0AL1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-0AL1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2010-0AL1&lang=en

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