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Data sheet 3TF20 01-3AL2

CONTACTOR, SIZE 00, 3-POLE AC-3, 4KW/400V, TAB CONNECTOR SNAP-ON MOUNTING ON STANDARD MOUNTING RAIL AUXILIARY CONTACT 01E (1NC) AC OPERATION AC 230V 50/60HZ

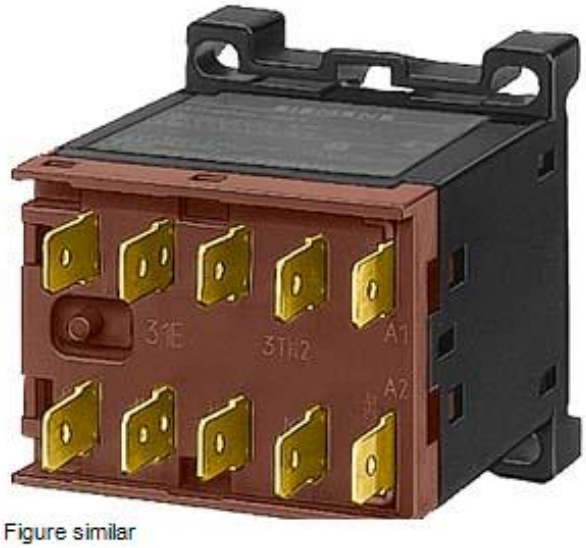


Figure similar

General technical data:	
Size of contactor	0
Protection class IP on the front	IP00
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:

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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	230 V
— at 60 Hz	
— rated value	230 V

Auxiliary circuit:

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

Connections/ Terminals:

Type of electrical connection	
• for main current circuit	tab terminals 6,3 mm
• for auxiliary and control current circuit	tab terminals 6.3 mm
Identification number and letter for switching elements	01 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	64.5 mm

Certificates/ approvals:

Changes preserved
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General Product Approval				Functional Safety/Safety of Machinery	Declaration of Conformity
CCC	CSA	UL	EAC	Baumusterbescheinigung	EG-Konf.

Test Certificates	Shipping Approval			other	
spezielle Prüfbescheinigungen	DNV	GL	RMRS	sonstig	Umweltbestätigung

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=3TF20013AL2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TF20013AL2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF20013AL2&lang=en

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