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Data sheet 3TF20 01-0AL2



Figure similar

CONTACTOR, SIZE 00, 3-POLE AC-3,4KW/400V,SCREW TERMINALS AUXILIARY CONTACT 01E (1NC) AC OPERATION AC 230V 50/60HZ

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:	
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	

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• with 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	screw-type terminals
• for auxiliary and control current circuit	screw-type terminals
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	68 mm

Certificates/ approvals:

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General Product Approval				Functional Safety/Safety of Machinery	Test Certificates
CCC	CSA	UL	EAC	Type Examination	Special Test Certificate

Shipping Approval				other	
DNV	GL	LRS	RMRS	Environmental Confirmations	other

other
Declaration of Conformity

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=3TF20010AL2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TF20010AL2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF20010AL2&lang=en

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