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Data sheet 3TF2001-3AL2

Contactor, Size 00, 3-pole, AC-3 4 kW/400 V, flat connector terminal Auxiliary switch 01E (1 NC) 230 V AC 50/60 Hz AC operation Snap-on mounting standard mounting rail

Figure similar

Product designation	Miniature contactor
Product type designation	3TF2

General technical data	
Size of contactor	0
Protection class IP	
• on the front	IP00
Reference code acc. to DIN EN 81346-2	Q

Ambient conditions	
Ambient temperature	
• during operation	-25 ... +55 °C

Main circuit	
Number of poles for main current circuit	3
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	0
Operating current	
• at AC-3	

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— at 400 V rated value	9 A
• at AC-4 at 400 V rated value	2.6 A
Operating power	
• at AC-1	
— at 400 V rated value	10 kW
• at AC-3	
— at 400 V rated value	4 kW
• at AC-4 at 400 V rated value	1 150 W

Control circuit/ Control

Type of voltage of the control supply voltage	AC
Control supply voltage at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
Control version of the switch operating mechanism	conventional

Auxiliary circuit

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

Installation/ mounting/ dimensions

Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
• Side-by-side mounting	Yes
Height	48 mm
Width	45 mm
Depth	64.5 mm

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

Certificates/approvals

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General Product Approval				Functional Safety/Safety of Machinery	Declaration of Conformity
CCC	CSA	UL	EAC	Type Examination Certificate	EG-Konf.

Test Certificates			Marine / Shipping		other
Special Test Certificate	Miscellaneous	Type Test Certificates/Test Report	RMRS	DNVGL.COM/AF	Environmental Confirmations

other
Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TF2001-3AL2

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2001-3AL2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TF2001-3AL2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2001-3AL2&lang=en

Characteristic: Tripping characteristics, I^2t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3TF2001-3AL2/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2001-3AL2&objecttype=14&gridview=view1

last modified: 12/13/2018

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