

Contactor, Size 00, 3-pole, AC-3 4 kW/400 V, Soldering pin connection Auxiliary switch 01E (1 NC) 230 V AC 50/60 Hz AC operation screw mounting (diagonal)



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	

— 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 fixing
• Side-by-side mounting	Yes
Height	36 mm
Width	50 mm
Depth	63 mm

Connections/Terminals

Type of electrical connection	
• for main current circuit	solder pin connectors
• for auxiliary and control current circuit	solder pin connectors

Certificates/approvals

General Product Approval			Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
			Type Examination Certificate		Special Test Certificate
CCC	CSA			EG-Konf.	

Test Certificates	Marine / Shipping		other	
Miscellaneous	Type Test Certificates/Test Report		Environmental Confirmations	Confirmation
		RMRS		

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=3TF2001-6AL2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2001-6AL2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2001-6AL2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2001-6AL2&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2001-6AL2/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2001-6AL2&objecttype=14&gridview=view1>

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