

Contactor, Size 00, 3-pole, AC-3 4 kW/400 V, screw terminal
Auxiliary switch 22E (2 NO + 2 NC) Overall width 45 mm 110 V DC
DC operation

Product designation	Miniature contactor
Product type designation	3TF2

General technical data

Size of contactor	0
Protection class IP	
• on the front	IP20
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	DC
Control supply voltage at DC	
• rated value	110 V
Control version of the switch operating mechanism	conventional

Auxiliary circuit

Number of NC contacts for auxiliary contacts	
• instantaneous contact	2
Number of NO contacts for auxiliary contacts	

- instantaneous contact

2

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	96 mm

Connections/Terminals

Type of electrical connection	
• for main current circuit	screw-type terminals
• for auxiliary and control current circuit	screw-type terminals

Certificates/approvals

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

Test Certificates	Marine / Ship-ping	other
Special Test Certificate Miscellaneous Type Test Certificates/Test Report	 DNV-GL DNVGL.COM/AF	Environmental Confirmations 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=3TF2222-0BF4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2222-0BF4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2222-0BF4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2222-0BF4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2222-0BF4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2222-0BF4&objecttype=14&gridview=view1>

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