



Figure similar

Contactor size S00, 3-pole AC-3 4 kW/400 V Screw terminal Auxiliary switch 10 E (1 NO) Operating range 0.7 to 1.25 x US 2 CO, connected to varistor Direct current operation 24 V DC !!! Phased-out product !!! Successor is SIRIUS 3RT201 or 3TG10

product designation	Miniature contactor
product type designation	3TF2
General technical data	
size of contactor	0
reference code according to IEC 81346-2	Q
Substance Prohibitation (Date)	07/01/2006
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
operational 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	16.8 ... 30 V
design of the surge suppressor	with varistor
control version of the switch operating mechanism	conventional
Auxiliary circuit	
number of NC contacts for auxiliary contacts	
• instantaneous contact	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	1
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022
• side-by-side mounting	Yes
height	48 mm
width	45 mm
depth	68 mm

Connections/ Terminals

type of electrical connection

- for main current circuit
- for auxiliary and control circuit

screw-type terminals

screw-type terminals

Certificates/ approvals

General Product Approval



[Miscellaneous](#)

[Special Test Certificate](#)

Test Certificates

Marine / Shipping

other

[Type Test Certificates/Test Report](#)



[Confirmation](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TF2010-0LB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2010-0LB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-0LB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2010-0LB4&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-0LB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2010-0LB4&objecttype=14&gridview=view1>

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