

Contactor size 00 For pole-changing AC-3 4 kW, 400/380 V Main contact elements 2 NO+2 NC Alternating current operation 42 V AC 50 Hz/50 V AC 60 Hz !!! Phased-out product !!! Successor is SIRIUS 3RT201 or 3TG10



Figure similar

<b>Product designation</b>	Miniature contactor
<b>Product type designation</b>	3TF2
<b>General technical data</b>	
<b>Size of contactor</b>	0
Protection class IP	
• on the front	IP20
<b>Reference code acc. to DIN EN 81346-2</b>	Q
<b>Main circuit</b>	
<b>Number of poles for main current circuit</b>	4
<b>Number of NO contacts for main contacts</b>	2
<b>Number of NC contacts for main contacts</b>	2
<b>Operating current</b>	
• at AC-3	
— at 400 V rated value	9 A
• at AC-4 at 400 V rated value	2.6 A
<b>Operating power</b>	
• 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

<b>Type of voltage of the control supply voltage</b>	AC
<b>Control supply voltage at AC</b>	
• at 50 Hz rated value	42 V
• at 60 Hz rated value	50 V
<b>Control version of the switch operating mechanism</b>	conventional

#### Auxiliary circuit

<b>Number of NC contacts for auxiliary contacts</b>	
• instantaneous contact	0
<b>Number of NO contacts for auxiliary contacts</b>	
• instantaneous contact	0

#### Installation/ mounting/ dimensions

<b>Mounting type</b>	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
• Side-by-side mounting	Yes
<b>Height</b>	48 mm
<b>Width</b>	45 mm
<b>Depth</b>	68 mm

#### Connections/ Terminals

<b>Type of electrical connection</b>	
• 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
--------------------------	---------------------------------------	---------------------------



[Type Examination Certificate](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
---------------------------	-------------------	-------------------

[Miscellaneous](#)

[Special Test Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



other	Railway
-------	---------

[Miscellaneous](#)

[Environmental Confirmations](#)

[Confirmation](#)

[Special Test Certificate](#)

## Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TF2082-0AD0>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2082-0AD0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2082-0AD0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TF2082-0AD0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2082-0AD0&lang=en)

### Characteristic: Tripping characteristics, I<sup>t</sup>, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2082-0AD0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2082-0AD0&objecttype=14&gridview=view1>

last modified:

09/12/2019