



Figure similar

Contactor, Size 00, 3-pole, AC-3 4 kW/400 V; Soldering pin connection  
Auxiliary switch 10E (1 NO) 24 V AC 50/60 Hz AC operation Screw  
mounting (diagonal) !!! Phased-out product !!! Successor is SIRIUS 3RT201  
or 3TG10

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| <b>product designation</b>                               | Miniature contactor |
| <b>product type designation</b>                          | 3TF2                |
| <b>General technical data</b>                            |                     |
| <b>size of contactor</b>                                 | 0                   |
| <b>reference code according to IEC 81346-2</b>           | Q                   |
| <b>Substance Prohibitance (Date)</b>                     | 07/01/2006          |
| <b>Ambient conditions</b>                                |                     |
| <b>ambient temperature</b>                               |                     |
| • during operation                                       | -25 ... +55 °C      |
| <b>Main circuit</b>                                      |                     |
| <b>number of poles for main current circuit</b>          | 3                   |
| <b>number of NO contacts for main contacts</b>           | 3                   |
| <b>number of NC contacts for main contacts</b>           | 0                   |
| <b>operational 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             |
| <b>Control circuit/ Control</b>                          |                     |
| <b>type of voltage of the control supply voltage</b>     | AC                  |
| <b>control supply voltage at AC</b>                      |                     |
| • at 50 Hz rated value                                   | 24 V                |
| • at 60 Hz rated value                                   | 24 V                |
| <b>control version of the switch operating mechanism</b> | conventional        |
| <b>Auxiliary circuit</b>                                 |                     |
| <b>number of NC contacts for auxiliary contacts</b>      |                     |
| • instantaneous contact                                  | 0                   |
| <b>number of NO contacts for auxiliary contacts</b>      |                     |
| • instantaneous contact                                  | 1                   |
| <b>Installation/ mounting/ dimensions</b>                |                     |
| <b>fastening method</b>                                  | screw fixing        |
| • side-by-side mounting                                  | Yes                 |
| <b>height</b>                                            | 36 mm               |
| <b>width</b>                                             | 50 mm               |
| <b>depth</b>                                             | 63 mm               |

## Connections/ Terminals

### type of electrical connection

- for main current circuit
- for auxiliary and control circuit

solder pin connectors  
solder pin connectors

## Certificates/ approvals

### General Product Approval



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

### Marine / Shipping

### other



[Confirmation](#)

[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=3TF2010-6AC2>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2010-6AC2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-6AC2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TF2010-6AC2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2010-6AC2&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-6AC2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2010-6AC2&objecttype=14&gridview=view1>

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