

Contactor, Size 00, 3-pole, AC-3 2.2 kW/400 V, screw terminal  
Auxiliary switch 10E (1 NO) 12 V DC DC operation



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                   |
| <b>Protection class IP</b>                      |                     |
| • on the front                                  | IP20                |
| <b>Reference code acc. to DIN EN 81346-2</b>    | Q                   |
| <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>Operating current</b>                        |                     |
| • at AC-3                                       |                     |

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>— at 400 V rated value</li> <li>• at AC-4 at 400 V rated value</li> </ul>   | <p>5 A</p> <p>1.9 A</p>                 |
| <b>Operating power</b>   |   |
| <ul style="list-style-type: none"> <li>• at AC-1 <ul style="list-style-type: none"> <li>— at 400 V rated value</li> </ul> </li> <li>• at AC-3 <ul style="list-style-type: none"> <li>— at 400 V rated value</li> </ul> </li> <li>• at AC-4 at 400 V rated value</li> </ul> | <p>10 kW</p> <p>2.2 kW</p> <p>850 W</p> |

#### Control circuit/ Control

|   |              |
|---|--------------|
| <b>Type of voltage of the control supply voltage</b>            | DC           |
| <b>Control supply voltage at DC</b>                             |              |
| <ul style="list-style-type: none"> <li>• rated value</li> </ul> | 12 V         |
| <b>Control version of the switch operating mechanism</b>        | conventional |

#### Auxiliary circuit

|   |   |
|---|---|
| <b>Number of NC contacts for auxiliary contacts</b>                       |   |
| <ul style="list-style-type: none"> <li>• instantaneous contact</li> </ul> | 0 |
| <b>Number of NO contacts for auxiliary contacts</b>                       |   |
| <ul style="list-style-type: none"> <li>• instantaneous contact</li> </ul> | 1 |

#### Installation/ mounting/ dimensions

|   |  |
|---|--|
| <b>Mounting type</b>  | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| <ul style="list-style-type: none"> <li>• Side-by-side mounting</li> </ul> | Yes  |
| <b>Height</b>   | 48 mm  |
| <b>Width</b>  | 45 mm  |
| <b>Depth</b>  | 68 mm  |

#### Connections/Terminals

|   |   |
|---|---|
| <b>Type of electrical connection</b>  |   |
| <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for auxiliary and control current circuit</li> </ul> | <p>screw-type terminals</p> <p>screw-type terminals</p> |

#### Certificates/approvals

|                          |                                       |                           |
|--------------------------|---------------------------------------|---------------------------|
| General Product Approval | Functional Safety/Safety of Machinery | Declaration of Conformity |
|--------------------------|---------------------------------------|---------------------------|



[Type Examination Certificate](#)



|                   |                   |       |
|-------------------|-------------------|-------|
| Test Certificates | Marine / Shipping | other |
|-------------------|-------------------|-------|

[Special Test Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



[Environmental Conformations](#)

[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=3TF2810-0BA4>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2810-0BA4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2810-0BA4>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TF2810-0BA4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2810-0BA4&lang=en)

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2810-0BA4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2810-0BA4&objecttype=14&gridview=view1>

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