

Contactor, Size 00, 3-pole, AC-3 4 kW/400 V, Soldering pin connection Auxiliary switch 10E (1 NO) 24 V DC DC operation screw mounting (diagonal)



Figure similar

| | |
|---|---------------------|
| Product designation | Miniature contactor |
| Product type designation | 3TF2 |
| General technical data | |
| Size of contactor | 0 |
| Protection class IP | |
| • on the front | IP00 |
| 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 | |

| | |
|--|---|
| <ul style="list-style-type: none"> — at 400 V rated value • at AC-4 at 400 V rated value | <p>9 A</p> <p>2.6 A</p> |
| Operating power | |
| <ul style="list-style-type: none"> • at AC-1 <ul style="list-style-type: none"> — at 400 V rated value • at AC-3 <ul style="list-style-type: none"> — at 400 V rated value • at AC-4 at 400 V rated value | <p>10 kW</p> <p>4 kW</p> <p>1 150 W</p> |

Control circuit/ Control

| | |
|---|--------------|
| Type of voltage of the control supply voltage | DC |
| Control supply voltage at DC | |
| <ul style="list-style-type: none"> • rated value | 24 V |
| Control version of the switch operating mechanism | conventional |

Auxiliary circuit

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

Installation/ mounting/ dimensions

| | |
|---|--------------|
| Mounting type | screw fixing |
| <ul style="list-style-type: none"> • Side-by-side mounting | Yes |
| Height | 36 mm |
| Width | 50 mm |
| Depth | 63 mm |

Connections/Terminals

| | |
|---|---|
| Type of electrical connection | |
| <ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit | <p>solder pin connectors</p> <p>solder pin connectors</p> |

Certificates/approvals

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



[Type Examination Certificate](#)



[Special Test Certificate](#)

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

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



[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=3TF2010-6BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2010-6BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-6BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2010-6BB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-6BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2010-6BB4&objecttype=14&gridview=view1>

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