

Contactor size S00, 3-pole AC-3 4 kW/400 V Screw terminal
 Auxiliary switch 10 E (1 NO) Diode built-in Direct current operation 2
 W 24 V DC !!! Phased-out product !!! Successor is SIRIUS 3RT201
 or 3TG10



Figure similar

| | |
|---|---------------------|
| Product designation | Miniature contactor |
| Product type designation | 3TF2 |
| General technical data | |
| Size of contactor | 0 |
| Protection class IP | |
| • on the front | IP20 |
| 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 | 16.8 ... 30 V |
| Design of the surge suppressor | with diode |
| 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 and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| <ul style="list-style-type: none"> • Side-by-side mounting | Yes |
| Height | 48 mm |
| Width | 45 mm |
| Depth | 68 mm |

| Connections/ Terminals | |
|---|---|
| Type of electrical connection | |
| <ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit | <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](#)



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

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|-------|---------|
| other | Railway |
|-------|---------|

[Confirmation](#)

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Further information

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=3TF2010-0JB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2010-0JB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-0JB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2010-0JB4&lang=en

Characteristic: Tripping characteristics, I^t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2010-0JB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2010-0JB4&objecttype=14&gridview=view1>

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