

Contactor, Size 00, 3-pole, AC-3 2.2 kW/400 V, Screw terminal
 Auxiliary switch 01E (1 NC) 230 V AC 50/60 Hz AC operation !!!
 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 |
| 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 | |
| — at 400 V rated value | 5 A |
| • at AC-4 at 400 V rated value | 1.9 A |
| Operating power | |
| • at AC-1 | |

| | |
|--------------------------------|--------|
| — at 400 V rated value | 10 kW |
| • at AC-3 | |
| — at 400 V rated value | 2.2 kW |
| • at AC-4 at 400 V rated value | 850 W |

Control circuit/ Control

| | |
|--|--------------|
| Type of voltage of the control supply voltage | AC |
| Control supply voltage at AC | |
| • at 50 Hz rated value | 230 V |
| • at 60 Hz rated value | 230 V |
| Control version of the switch operating mechanism | conventional |

Auxiliary circuit

| | |
|---|---|
| Number of NC contacts for auxiliary contacts | |
| • instantaneous contact | 1 |
| Number of NO contacts for auxiliary contacts | |
| • instantaneous contact | 0 |

Installation/ mounting/ dimensions

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

Connections/ Terminals

| | |
|---|----------------------|
| Type of electrical connection | |
| • 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 | other |
|---------------------------|-------------------|-------------------|-------|

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[Environmental Confirmations](#)

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

[Confirmation](#)

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Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TF2801-0AL2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2801-0AL2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2801-0AL2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2801-0AL2&lang=en

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2801-0AL2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2801-0AL2&objecttype=14&gridview=view1>

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