

Contactor size S00, 3-pole AC-3 4 kW/400 V Screw terminal
Auxiliary switch 01 E (1 NC) Operating range 0.7 to 1.25 x US 2 CO,
connected to varistor Direct current operation 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
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	9 A
• at AC-4 at 400 V rated value	2.6 A
Operating power	
• at AC-1	

- at 400 V rated value
- at AC-3
 - at 400 V rated value
 - at AC-4 at 400 V rated value

10 kW

4 kW

1 150 W

Control circuit/ Control

Type of voltage of the control supply voltage	DC
Control supply voltage at DC • rated value	16.8 ... 30 V
Design of the surge suppressor	with varistor
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 • Side-by-side mounting	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Yes
Height	48 mm
Width	45 mm
Depth	68 mm

Connections/ Terminals

Type of electrical connection • for main current circuit • for auxiliary and control current circuit	screw-type terminals screw-type terminals
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Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



UL



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EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Environmental Confirmations](#)

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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=3TF2001-0LB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2001-0LB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2001-0LB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2001-0LB4&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2001-0LB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2001-0LB4&objecttype=14&gridview=view1>

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