

Contactor size S00, 3-pole !!! Phased-out product !!! Successor is SIRIUS 3RT or 3TG10

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	6
Number of NO contacts for main contacts	6
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	10 kW
• at AC-3	
— at 400 V rated value	4 kW
• at AC-4 at 400 V rated value	1 150 W

Control circuit/ Control	
Type of voltage of the control supply voltage	DC
Control supply voltage at DC	
• rated value	24 V
Control version of the switch operating mechanism	conventional

Auxiliary circuit	
Number of NC contacts for auxiliary contacts	
• instantaneous contact	2
Number of NO contacts for auxiliary contacts	
• instantaneous contact	0

Installation/ mounting/ dimensions	
Mounting type	screw fixing
• Side-by-side mounting	Yes

Height	48 mm
Width	90 mm
Depth	68 mm

Connections/ Terminals

Type of electrical connection

- for main current circuit
- for auxiliary and control current circuit

solder pin connectors
solder pin connectors

Certificates/ approvals

General Product Approval

Functional Safety/Safety of Machinery

Declaration of Conformity



[Type Examination Certificate](#)



[Miscellaneous](#)

Test Certificates

Marine / Ship-ping

other

[Special Test Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



[Environmental Confirmations](#)

[Confirmation](#)

Railway

[Special Test Certificate](#)

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=3TF2186-8BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2186-8BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2186-8BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2186-8BB4&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2186-8BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2186-8BB4&objecttype=14&gridview=view1>

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