

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) !!! Phased-out product !!! Successor is SIRIUS 3RT201 or 3TG10



Figure similar

<b>Product designation</b>	Miniature contactor
<b>Product type designation</b>	3TF2
<b>General technical data</b>	
<b>Size of contactor</b>	0
<b>Protection class IP</b>	
• on the front	IP00
<b>Reference code acc. to DIN EN 81346-2</b>	Q
<b>Ambient conditions</b>	
• Ambient temperature during operation	-25 ... +55 °C
<b>Main circuit</b>	
<b>Number of poles for main current circuit</b>	3
<b>Number of NO contacts for main contacts</b>	3
<b>Number of NC contacts for main contacts</b>	0
<b>Operating current</b>	
• at AC-3	
— at 400 V rated value	9 A

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

### Control circuit/ Control

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

### Auxiliary circuit

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

### Installation/ mounting/ dimensions

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

### Connections/ Terminals

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

### Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination Certificate](#)



[Miscellaneous](#)

Test Certificates	Marine / Shipping	other
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[Special Test Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



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## Railway

[Special Test Certificate](#)

## 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=3TF2010-6BB4>

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

### Characteristic: Tripping characteristics, I<sup>2</sup>t, 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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