

Contactor, Size 00, 3-pole, AC-3 4 kW/400 V; Screw terminal  
 Auxiliary switch 22E (2 NO + 2 NC) Width 45 mm 110 V DC DC  
 operation !!! Phased-out product !!! Successor is SIRIUS 3RT201 or  
 3TG10

<b>Product designation</b>	Miniature contactor
<b>Product type designation</b>	3TF2

### General technical data

<b>Size of contactor</b>	0
<b>Protection class IP</b>	
<ul style="list-style-type: none"> <li>on the front</li> </ul>	IP20
<b>Reference code acc. to DIN EN 81346-2</b>	Q

### Main circuit

<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>	
<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> <li>at AC-4 at 400 V rated value</li> </ul>	9 A 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> <li>at AC-3           <ul style="list-style-type: none"> <li>at 400 V rated value</li> </ul> </li> <li>at AC-4 at 400 V rated value</li> </ul>	10 kW 4 kW 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>	110 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>	2
<b>Number of NO contacts for auxiliary contacts</b>	
<ul style="list-style-type: none"> <li>instantaneous contact</li> </ul>	2

### Installation/ mounting/ dimensions

<b>Mounting type</b>	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<ul style="list-style-type: none"> <li>• Side-by-side mounting</li> </ul>	Yes
<b>Height</b>	48 mm
<b>Width</b>	45 mm
<b>Depth</b>	96 mm

### Connections/ Terminals

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


### Certificates/ approvals

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



<b>Declaration of Conformity</b>	<b>Test Certificates</b>	<b>Marine / Shipping</b>	<b>other</b>
<a href="#">Miscellaneous</a>	<a href="#">Special Test Certificate</a>	<a href="#">Miscellaneous</a>	<a href="#">Environmental Confirmations</a>
	<a href="#">Type Test Certificates/Test Report</a>		

<b>other</b>	<b>Railway</b>
<a href="#">Confirmation</a>	<a href="#">Special Test Certificate</a>

### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**  
[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TF2222-0BF4>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF2222-0BF4>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3TF2222-0BF4>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TF2222-0BF4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF2222-0BF4&lang=en)

**Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current**

<https://support.industry.siemens.com/cs/ww/en/ps/3TF2222-0BF4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF2222-0BF4&objecttype=14&gridview=view1>

**last modified:**

09/12/2019