

CONTACTOR SIZE 14, 3-POLE AC-3, 335KW,  
400/380V (690V) AUXILIARY CONTACTS 33  
(3NO+3NC) W.3TC44174A REVERSING CONTACTOR  
AND SERIES RESISTOR DC ECONOMY CIRCUIT DC  
230V

### General technical data:

Size of contactor		14
Protection class IP on the front		IP00
Ambient temperature during operation	°C	55 ... -25
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		Q

### Main circuit:

Number of poles for main current circuit		3
Operating current at AC-1 at 400 V		
<ul style="list-style-type: none"> <li>at ambient temperature 40 °C Rated value</li> </ul>	A	700
Number of NC contacts for main contacts		0
Number of NO contacts for main contacts		3
Operating current at AC-3 at 400 V Rated value	A	630
Operating power		
<ul style="list-style-type: none"> <li>at AC-1 at 400 V Rated value</li> </ul>	kW	415
<ul style="list-style-type: none"> <li>at AC-3 at 400 V Rated value</li> </ul>	kW	335

### Control circuit/ Control:

Control version of the switch operating mechanism		conventional
Type of voltage of the control supply voltage		DC
Control supply voltage		
<ul style="list-style-type: none"> <li>for DC</li> </ul>		
<ul style="list-style-type: none"> <li>— Rated value</li> </ul>	V	230

### Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
<ul style="list-style-type: none"> <li>lagging switching</li> </ul>		0
<ul style="list-style-type: none"> <li>instantaneous contact</li> </ul>		3
Number of NO contacts for auxiliary contacts		
<ul style="list-style-type: none"> <li>leading contact</li> </ul>		0
<ul style="list-style-type: none"> <li>instantaneous contact</li> </ul>		3

### Connections/ Terminals:

Type of electrical connection		
-------------------------------	--	--

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

	screw-type terminals
	screw-type terminals
<b>Identification number and letter for switching elements</b>	33

#### Mechanical data:

<b>Mounting type</b>		screw fixing
<b>Mounting type Side-by-side mounting</b>		Yes
<b>Width</b>	mm	230
<b>Height</b>	mm	232
<b>Depth</b>	mm	237

#### Certificates/ approvals:

<b>General Product Approval</b>	<b>Functional Safety/Safety of Machinery</b>
---------------------------------	--



[Type Examination](#)

<b>Functional Safety/Safety of Machinery</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>	<b>Shipping Approval</b>
--	----------------------------------	--------------------------	--------------------------

[Type Examination Certificate](#)



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



<b>Shipping Approval</b>	<b>other</b>
--------------------------	--------------



[Declaration of Conformity](#)

[Environmental Confirmations](#)

[other](#)

#### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

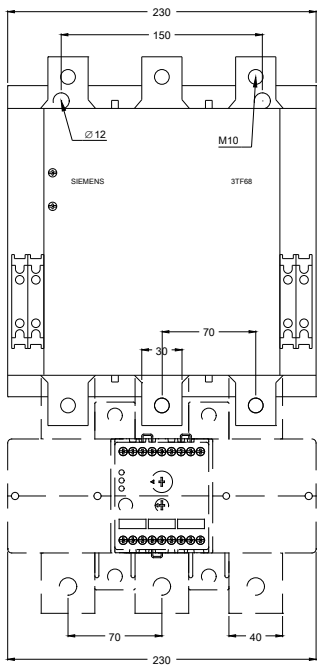
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3TF68331DP4>

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

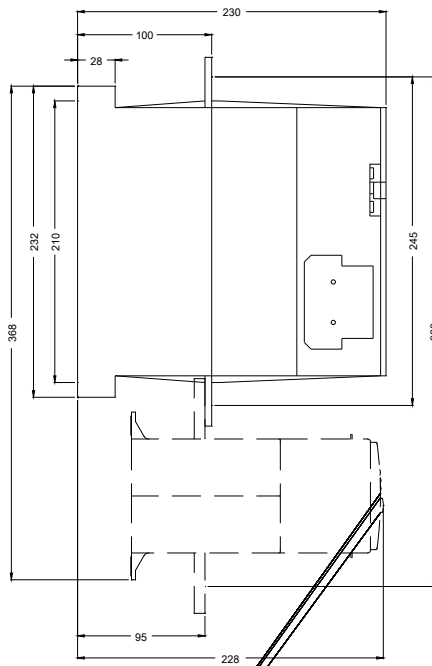
<http://support.automation.siemens.com/WW/view/en/3TF68331DP4/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TF68331DP4&lang=en>



last modified:



09.03.2015