

Contactor, Size 14, 3-pole, AC-3, 450 kW, 400/380 V (1000 V)
 Auxiliary switch 33 (3 NO+3 NC) with reversing contactor 3TC4417-4A and series resistor DC economy circuit 24 V DC



Product designation	Vacuum contactor
Product type designation	3TF6
General technical data	
Size of contactor	14
Protection class IP	
• on the front	IP00
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	820 A
• at AC-4 at 400 V rated value	360 A
Operating power	
• at AC-1	
— at 400 V rated value	558 kW

- at AC-3
 - at 400 V rated value 450 kW
- at AC-4 at 400 V rated value 191 000 W

Control circuit/ Control

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

Auxiliary circuit

Number of NC contacts for auxiliary contacts <ul style="list-style-type: none"> • instantaneous contact 	3
Number of NO contacts for auxiliary contacts <ul style="list-style-type: none"> • instantaneous contact 	3

Installation/ mounting/ dimensions

Mounting type <ul style="list-style-type: none"> • Side-by-side mounting 	screw fixing Yes
Height	295 mm
Width	230 mm
Depth	237 mm

Connections/ Terminals

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

Certificates/ approvals

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



[Type Examination Certificate](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
---------------------------	-------------------	-------------------

[Miscellaneous](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[Miscellaneous](#)



Marine / Shipping	other	Railway
-------------------	-------	---------



[Miscellaneous](#)

[Environmental Confirmations](#)

[Confirmation](#)

[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=3TF6933-8DB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF6933-8DB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6933-8DB4>

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

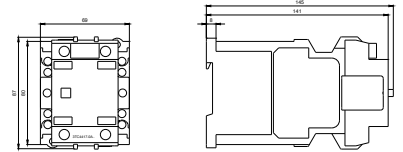
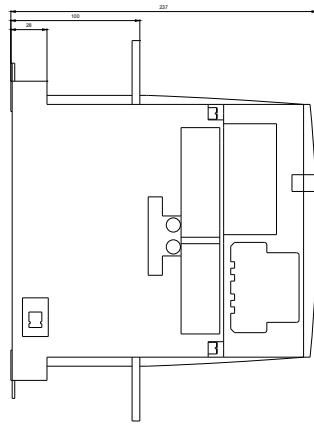
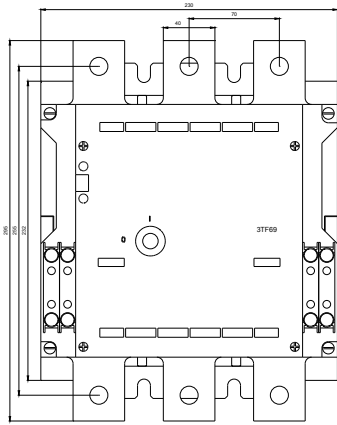
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF6933-8DB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6933-8DB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF6933-8DB4&objecttype=14&gridview=view1>



last modified:

08/12/2019