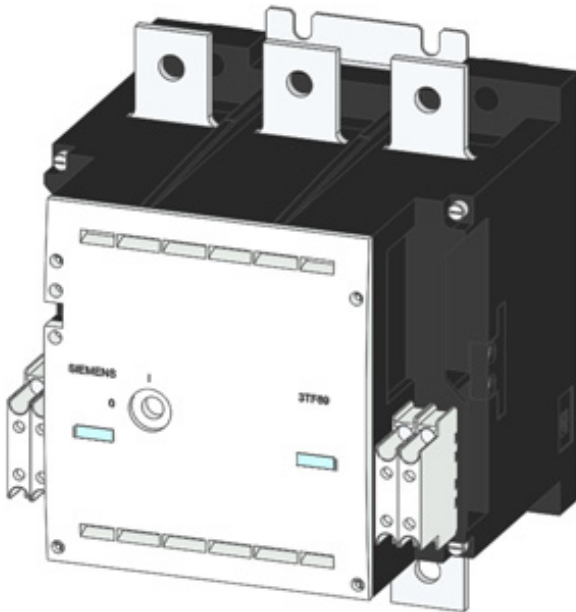


Contactor, Size 14, 3-pole, AC-3, 450 kW, 400/380 V (690 V)
 Auxiliary switch 44 (4NO+4NC) AC operation 200...240 V AC 50/60 Hz



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	AC
Control supply voltage at AC	
<ul style="list-style-type: none"> • at 50 Hz rated value 200 ... 240 V • at 60 Hz rated value 200 ... 240 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 4 	
Number of NO contacts for auxiliary contacts	
<ul style="list-style-type: none"> • instantaneous contact 4 	

Installation/ mounting/ dimensions

Mounting type	screw fixing
<ul style="list-style-type: none"> • Side-by-side mounting 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 screw-type terminals • for auxiliary and control current circuit screw-type terminals 	

Certificates/ approvals

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

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



Marine / Shipping	other
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[Miscellaneous](#)

[Environmental Confirmations](#)

[Confirmation](#)

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=3TF6944-0CM7>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF6944-0CM7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6944-0CM7>

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

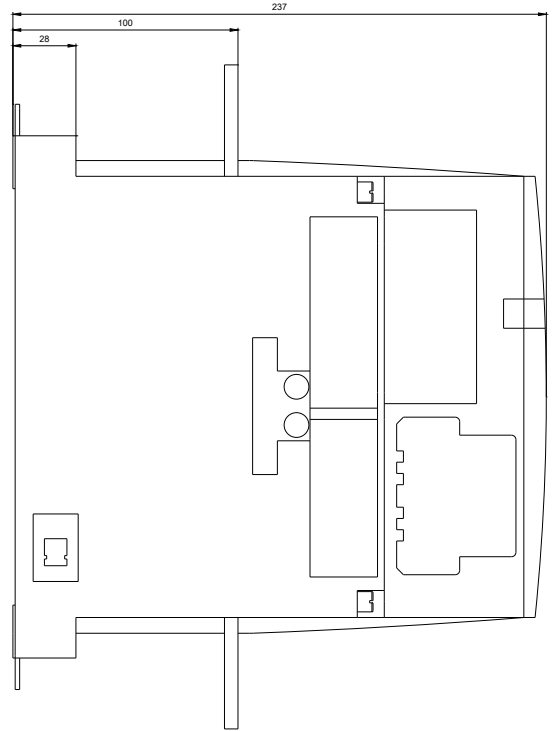
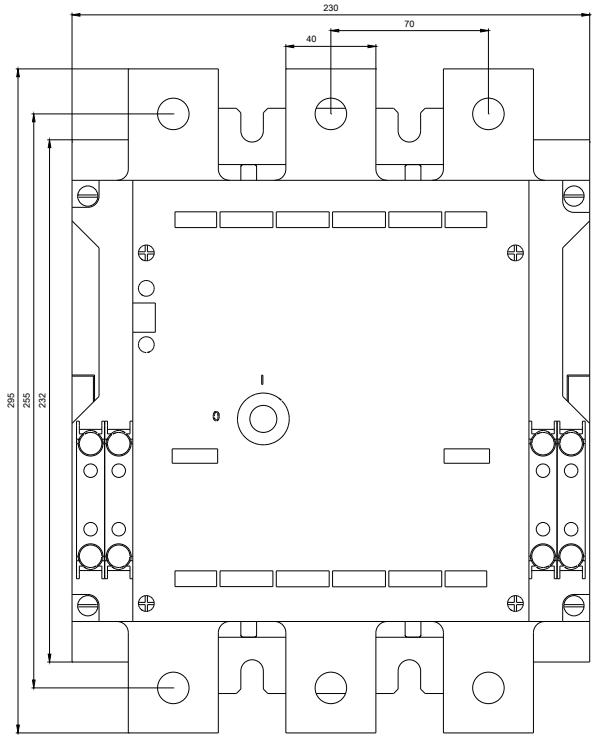
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF6944-0CM7&lang=en

Characteristic: Tripping characteristics, I^t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6944-0CM7/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF6944-0CM7&objecttype=14&gridview=view1>



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08/01/2019