

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



Figure similar

Product designation	Vacuum contactor
Product type designation	3TF6
General technical data	
Size of contactor	14
Protection class IP	IP00
• on the front	
Reference code acc. to DIN EN 81346-2	Q
Ambient conditions	
Ambient temperature	-25 ... +55 °C
• during operation	
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	

<ul style="list-style-type: none"> — at 400 V rated value • at AC-4 at 400 V rated value 	<p>820 A</p> <p>360 A</p>
Operating power <ul style="list-style-type: none"> • at AC-1 <ul style="list-style-type: none"> — at 400 V rated value • at AC-3 <ul style="list-style-type: none"> — at 400 V rated value • at AC-4 at 400 V rated value 	<p>558 kW</p> <p>450 kW</p> <p>191 000 W</p>

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 	<p>screw fixing</p> <p>Yes</p>
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 	<p>screw-type terminals</p> <p>screw-type terminals</p>
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Certificates/approvals

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



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

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[Miscellaneous](#)



other

[Miscellaneous](#)

[Environmental Conformations](#)

[Confirmation](#)

Further information

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

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

