

Contactor, Size 14, 3-pole, AC-3, 335kW, 400/380 V (690 V)
 Auxiliary switch 33 (3NO+3NC) Rectifier bridge built-in with reversing
 contactor 3TC44 AC operation 110 to 120 V AC 50/60 Hz

Product designation	Vacuum contactor
Product type designation	3TF6

General technical data

Size of contactor	14
Protection class IP	IP00
<ul style="list-style-type: none"> on the front 	IP00
Reference code acc. to DIN EN 81346-2	Q

Ambient conditions

Ambient temperature	-25 ... +55 °C
<ul style="list-style-type: none"> during operation 	-25 ... +55 °C

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	
<ul style="list-style-type: none"> at AC-3 <ul style="list-style-type: none"> at 400 V rated value at AC-4 at 400 V rated value 	630 A 300 A
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 	415 kW 335 kW 168 000 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 at 60 Hz rated value 	110 ... 120 V 110 ... 120 V
Control version of the switch operating mechanism	conventional

Auxiliary circuit

Number of NC contacts for auxiliary contacts	3
<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	screw fixing
<ul style="list-style-type: none"> Side-by-side mounting 	Yes
Height	232 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
<ul style="list-style-type: none"> for auxiliary and control current circuit 	screw-type terminals

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery
 CCC	Type Examination Certificate
 CSA	
 UR	
 UL	
 EAC	

Test Certificates	Marine / Shipping	other
Special Test Certificate	 BUREAU VERITAS	Environmental Confirmations
Miscellaneous	 RMRS	
	 DNV-GL	

other
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=3TF6833-1QG7>
- Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF6833-1QG7>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-1QG7>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF6833-1QG7&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current
<https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-1QG7/char>

Further characteristics (e.g. electrical endurance, switching frequency)
<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF6833-1QG7&objecttype=14&gridview=view1>

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