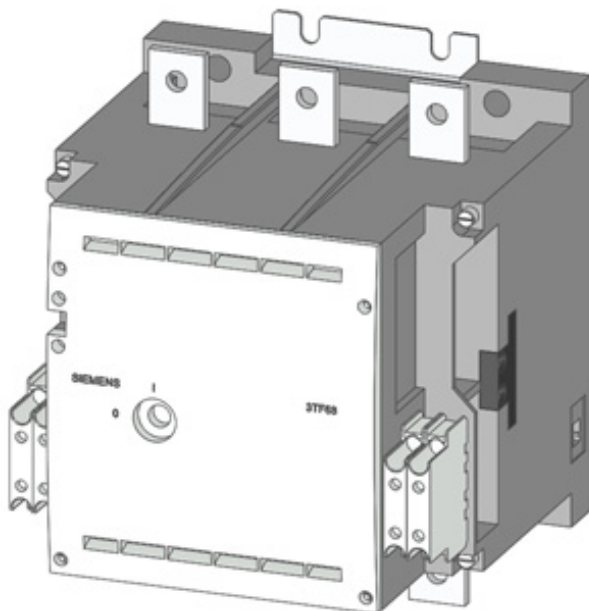


Contactor, Size 14, 3-pole, AC-3, 335kW, 400/380 V (1000 V)
 Auxiliary switch 33 (3NO+3NC) Rectifier bridge built-in with reversing
 contactor 3TC44 AC operation 220 to 240 V AC 50/60 Hz



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
Ambient conditions	
Ambient temperature	
• 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	
• at AC-3	
— at 400 V rated value	630 A
• at AC-4 at 400 V rated value	300 A

Operating power	
• at AC-1 — at 400 V rated value • at AC-3 — 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	
• at 50 Hz rated value • at 60 Hz rated value	220 ... 240 V 220 ... 240 V
Control version of the switch operating mechanism	conventional
Auxiliary circuit	
Number of NC contacts for auxiliary contacts	
• instantaneous contact	3
Number of NO contacts for auxiliary contacts	
• instantaneous contact	3
Installation/ mounting/ dimensions	
Mounting type	screw fixing
• Side-by-side mounting	Yes
Height	232 mm
Width	230 mm
Depth	237 mm
Connections/Terminals	
Type of electrical connection	
• 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	Test Certificates
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CCC



CSA



UL



[Type Examination Certificate](#)

[Special Test Certificate](#)

Test Certificates	Marine / Shipping	other
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[Miscellaneous](#)



[Environmental Confirmations](#)

[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=3TF6833-8QL7>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF6833-8QL7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-8QL7>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF6833-8QL7&lang=en

Characteristic: Tripping characteristics, I_t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-8QL7/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF6833-8QL7&objecttype=14&gridview=view1>

last modified:

12/19/2018