



CONTACTOR SIZE 14, 3-POLE AC-3 335 KW, 400/380 V (1000 V)
 AUXILIARY SWITCH 33 (3NO+3NC) INTEGRATED RECTIFIER
 BRIDGE W. 3TC44 POLE-CHANG. CONTACTOR AC OPERATION
 AC 220 TO 240V 50/60HZ WITHOUT OVERVOLTAGE DAMPING IN
 THE MAIN CIRCUIT

General technical data:

Size of contactor	14
Protection class IP on the front	IP00
Ambient temperature during operation	55 ... -25 °C
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Equipment marking acc. to DIN EN 61346-2	Q

Main circuit:

Number of poles for main current circuit	3
Operating current at AC-1 at 400 V	
• at ambient temperature 40 °C rated value	700 A
Number of NC contacts for main contacts	0
Number of NO contacts for main contacts	3
Operating current at AC-3 at 400 V rated value	630 A
Operating power	
• at AC-1 at 400 V rated value	415 kW
• at AC-3 at 400 V rated value	335 kW

Control circuit/ Control:

Control version of the switch operating mechanism	conventional
Type of voltage of the control supply voltage	AC
Control supply voltage frequency	50 Hz 60 Hz
Control supply voltage	220 ... 240 V 220 ... 240 V
<ul style="list-style-type: none"> • 1 rated value • 2 rated value 	
<ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz — rated value — at 60 Hz <ul style="list-style-type: none"> — rated value 	

Auxiliary circuit:	
Number of NC contacts for auxiliary contacts	0 3
<ul style="list-style-type: none"> • lagging switching • instantaneous contact 	
Number of NO contacts for auxiliary contacts	0 3
<ul style="list-style-type: none"> • leading contact • instantaneous contact 	

Connections/ Terminals:	
Type of electrical connection	screw-type terminals screw-type terminals
<ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit 	
Identification number and letter for switching elements	33

Mechanical data:	
Mounting type	screw fixing
Mounting type Side-by-side mounting	Yes
Width	230 mm
Height	232 mm
Depth	237 mm

Certificates/ approvals:	
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General Product Approval

Functional Safety/Safety of Machinery



CCC



CSA



UL



[Baumusterbescheinigung](#)

[Baumusterprüfbescheinigung](#)

Test Certificates

Shipping Approval

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DNV



GL



LRS



PRS



RMRS

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Further information

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

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

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3TF6833-8QL7-Z A02>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-8QL7-Z A02>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3TF6833-8QL7-Z A02&lang=en

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