

CONTACTOR SIZE 14, 3-POLE AC-3 450KW,
400/380V (690V) AUXILIARY SWITCH 33 (3NO+3NC)
INTEGRATED RECTIFIER BRIDGE W. 3TC44 POLE-
CHANG. CONTACTOR AC OPERATION AC 110 TO
120V 50/60HZ

General technical data:

Size of contactor		14
Protection class IP on the front		IP00
Ambient temperature during operation	°C	55 ... -25
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		
<ul style="list-style-type: none"> at ambient temperature 40 °C Rated value 	A	910
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	A	820
Operating power		
<ul style="list-style-type: none"> at AC-1 at 400 V Rated value 	kW	558
<ul style="list-style-type: none"> at AC-3 at 400 V Rated value 	kW	450

Control circuit/ Control:

Control version of the switch operating mechanism		conventional
Type of voltage of the control supply voltage		AC
Control supply voltage frequency		
<ul style="list-style-type: none"> 1 Rated value 	Hz	50
<ul style="list-style-type: none"> 2 Rated value 	Hz	60
Control supply voltage		
<ul style="list-style-type: none"> with AC 		
<ul style="list-style-type: none"> at 50 Hz 		
<ul style="list-style-type: none"> Rated value 	V	110 ... 120
<ul style="list-style-type: none"> at 60 Hz 		
<ul style="list-style-type: none"> Rated value 	V	110 ... 120

Auxiliary circuit:

Number of NC contacts for auxiliary contacts		
<ul style="list-style-type: none"> lagging switching 		0

<ul style="list-style-type: none"> instantaneous contact 		3
Number of NO contacts for auxiliary contacts		
<ul style="list-style-type: none"> leading contact 		0
<ul style="list-style-type: none"> instantaneous contact 		3

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
Identification number and letter for switching elements		33

Mechanical data:

Mounting type		screw fixing
Mounting type Side-by-side mounting		Yes
Width	mm	230
Height	mm	295
Depth	mm	237

Certificates/ approvals:

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

Functional Safety/Safety of Machinery	Test Certificates	Shipping Approval
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[Type Examination Certificate](#)

[Special Test Certificate](#)



Shipping Approval	other
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[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

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=3TF69331QG7>

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

<http://support.automation.siemens.com/WW/view/en/3TF69331QG7/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3TF69331QG7&lang=en>

last modified:

09.03.2015