

CONTACTOR SIZE 14, 3-POLE AC-3, 450KW, 400/380V (690V)
AUXILIARY CONTACTS 44 (4NO+4NC) AC OPERATION AC 230
TO 276V 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	910 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	820 A
Operating power - at AC-1 at 400 V rated value - at AC-3 at 400 V rated value	558 kW 450 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 1 rated value 2 rated value	50 Hz 60 Hz
Control supply voltage - at AC - at 50 Hz - rated value - at 60 Hz - rated value	230 ... 277 V 230 ... 277 V

Auxiliary circuit:

Number of NC contacts for auxiliary contacts - lagging switching - instantaneous contact	0 4
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Number of NO contacts for auxiliary contacts	
• leading contact	0
• instantaneous contact	4

Connections/ Terminals:

Type of electrical connection	
• for main current circuit	screw-type terminals
• for auxiliary and control current circuit	screw-type terminals
Identification number and letter for switching elements	44

Mechanical data:

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

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery
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Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates	Shipping Approval
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Shipping Approval	other
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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&mlfb=3TF6944-0CP7-Z A02>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TF6944-0CP7-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?mlfb=3TF6944-0CP7-Z A02&lang=en

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