

CONTACTOR SIZE 14, 3-POLE AC-3, 450KW,
400/380V (1000V) AUXILIARY CONTACTS 44 (4NO+4NC)
AC OPERATION AC 500 TO 600V 50/60HZ

General details:

Size of the contactor		14
Protection class IP / on the front		IP00
Ambient temperature / during operating	°C	55 ... -25
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
Reference code / according 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 40 °C ambient temperature / 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 performance		
• at AC-3 / at 400 V / rated value	kW	450
• at AC-1 / at 400 V / rated value	kW	558

Control circuit:

Design of activation / of the operating mechanism		conventional
Voltage type / of control feed voltage		AC
Control supply voltage frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Control supply voltage		
• at 50 Hz / at AC		
• rated value	V	500 ... 600
• at 60 Hz / at AC		
• rated value	V	500 ... 600

Auxiliary circuit:

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

Connection type:

Design of the 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 design:

Mounting type		screw fixing
Mounting type / series installation		Yes
Width	mm	230
Height	mm	295
Depth	mm	237

Certificates/approvals:

General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity
 CCC	 UL	 EG-Konf.
 CSA	 EAC	Type Examination

Test Certificates

[Special Test
Certificate](#)

[Type Test
Certificates/Test
Report](#)

Shipping Approval



other

[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/industrial-controls/mall>

Cax online generator:

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

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

<http://support.automation.siemens.com/WW/view/en/3TF6944-8CS7/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TF6944-8CS7

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