

CONTACTOR SIZE 14, 3-POLE AC-3, 450KW,
400/380V (690V) AUXILIARY CONTACTS 44 (4NO+4NC)
AC OPERATION AC 200 TO 240V 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		
<ul style="list-style-type: none"> 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
Service power		
<ul style="list-style-type: none"> at AC-3 / at 400 V / rated value 	kW	450
<ul style="list-style-type: none"> 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		
<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"> at 50 Hz / at AC rated value 	V	200 ... 240
<ul style="list-style-type: none"> at 60 Hz / at AC rated value 	V	200 ... 240

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



[Type Examination](#)

Declaration of Conformity	Test Certificates	
 EG-Konf.	Special Test Certificate	Type Test Certificates/Test Report

Shipping Approval					
 BUREAU VERITAS	 DNV	 GL	 LRS	 PRS	 RMRS

other		
Declaration of Conformity	other	Environmental Confirmations

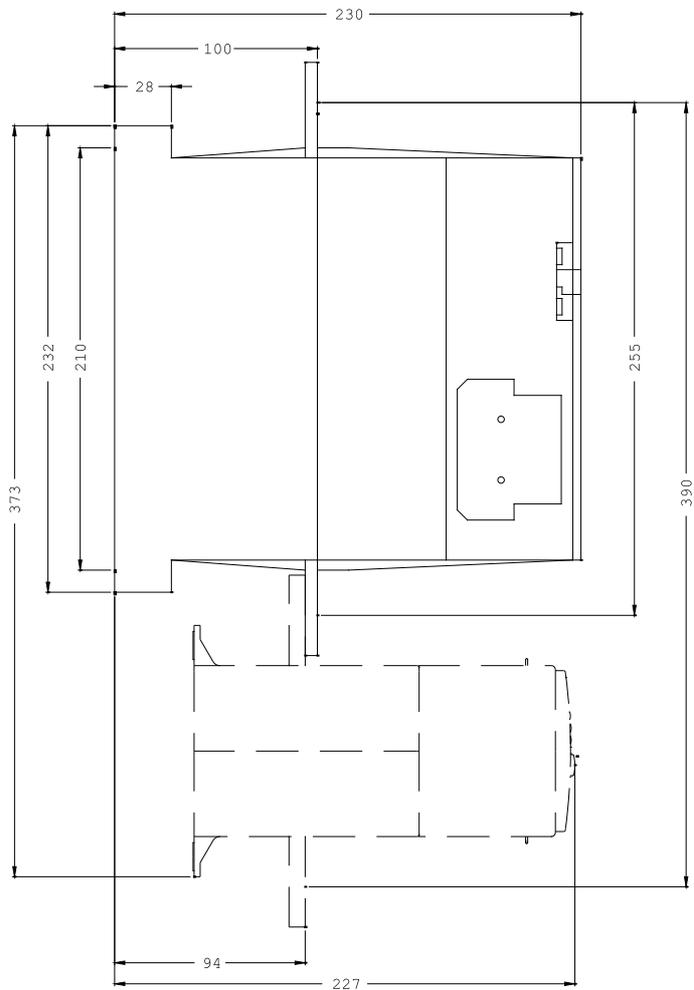
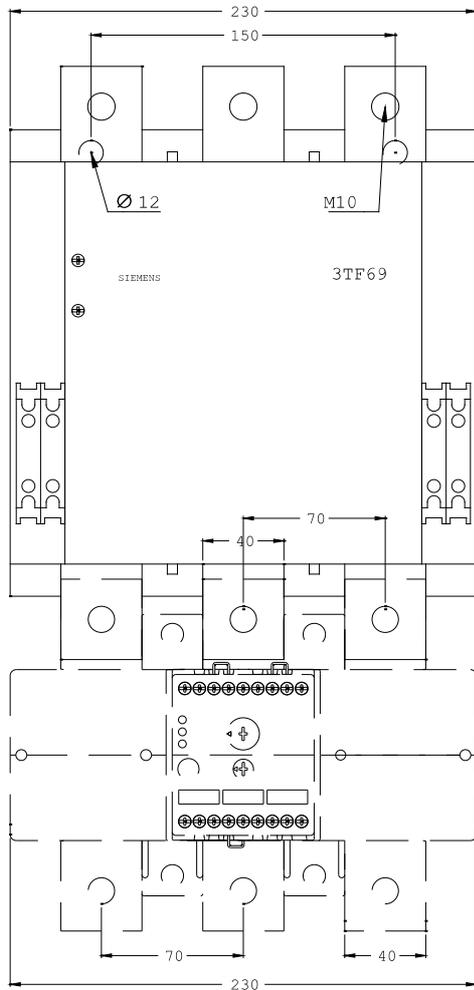
Further information:
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

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/3TF6944-0CM7/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TF6944-0CM7



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