## SIEMENS

## Data sheet

## 3TF6944-0CM7



Contactor, Size 14, 3-pole, AC-3, 450 kW, 400/380 V (690 V) Auxiliary switch 44 (4NO+4NC) AC operation 200...240 V AC 50/60 Hz

product designation         Vacuum contactor           3TF6         3TF6           General technical data         ************************************					
General dechnical data     14       size of contactor     14       product extension     1       • function module for communication     No       • auxiliary switch     No       insulation voltage     1000 V       • of main circuit with degree of pollution 3 rated value     1000 V       • of auxiliary circuit with degree of pollution 3 rated value     680 V       • of auxiliary circuit with degree of pollution 3 rated value     680 V       • of auxiliary circuit ated value     6 kV       maximum permissible voltage for safe isolation in networks with grounded star point     300 V       • between auxiliary and auxiliary circuit     300 V       • between main and auxiliary circuit     300 V       • between auxiliary and sultary circuit     300 V       • between auxiliary circuit extremation     300 V	product designation	Vacuum contactor			
size of contactor product extension insultary switch insultation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit of poly of contactor typical reference code according to IEC 81346-2 Substance Prohibitance of contactor (Deta) Dividue Outing operation relative humidity during operation relative humidity during operation relative humidity during operation relative humidity at 55 °C according to IEC 60068-2-30 maximum Main circuit number of NC contacts for main contacts uppe of voltage for main current circuit Auxiliary circuit AC Auxiliary auxiliary circuit AC Auxiliary	product type designation	3TF6			
product extension	General technical data				
• function module for communicationNo• auxiliary switchNo• of main circuit with degree of pollution 3 rated value1 000 V• of auxiliary circuit with degree of pollution 3 rated value1 000 V• of auxiliary circuit with degree of pollution 3 rated value680 V• of main circuit rated value6 kV• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value6 kV• of auxiliary circuit rated value7 00 V• between auxiliary and auxiliary circuit300 V• between main and auxiliary circuit300 V• between with sine pulse	size of contactor	14			
• auxiliary switchNoinsulation voltage1000 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated690 Vvalue8kV• of main circuit rated value8 kV• of auxiliary circuit rated value9 kV• between auxiliary circuit500 V• between main and auxiliary circuit500 V• between circuit for getain500 V• at AC13.5g / 5 ms, 7.8g / 10 ms• at AC10.5g / 5 ms, 7.8g / 10 ms• of carcelot typical500 000• of carcelot typical2000 m• of carcelot typical2000 m• of tring storage-55 +55 °C <tr< td=""><td>product extension</td><td></td></tr<>	product extension				
insulation voltageI• of main circuit with degree of pollution 3 rated value1000 V• of main circuit rated value690 V• of main circuit rated value8 kV• of auxiliary circuit rated value8 kV• between auxiliary and auxiliary circuit300 V• between auxiliary and auxiliary circuit300 V• between auxiliary and auxiliary circuit300 V• between with sine pulse-• at AC9.5g / 5 ms, 5.7g / 10 ms• of contactor typical5 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)3/01/2017Ambient temperature-• during storage-55 +55 °C• during storage-55 +80 °C• during operation10 %relative humidity during operation10 %relative humidity during operation10 %relative humidity during operation10 %relative humidity during operation3number of poles for main contacts3number of NC contacts for main contacts3number of NC contacts for main contacts0type of voltage for main current circuit3number of NC contacts for main contacts0type of voltage for main current circuit3number of NC contacts for main contacts0number of NC contacts for main current circuit3	<ul> <li>function module for communication</li> </ul>	No			
<ul> <li>of main circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>of auxiliary circuit with degree of pollution 3 rated value</li> <li>surge voltage resistance</li> <li>of main circuit rated value</li> <li>of main circuit rated value</li> <li>a kV</li> <li>of auxiliary circuit rated value</li> <li>between auxiliary and auxiliary circuit</li> <li>at AC</li> <li>at AC</li> <li>at AC</li> <li>at AC</li> <li>at C</li> <li>at AC</li> <li>at C</li> <li>at AC</li> <li>at C</li> <li>at AC</li> <li>between auxiliary and auxiliary circuit</li> <li>between a</li></ul>	<ul> <li>auxiliary switch</li> </ul>	No			
	insulation voltage				
value       surge voltage resistance         • of main circuit rated value       8 kV         • of auxiliary circuit rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       6 kV         • between main and auxiliary circuit       300 V         • between main and auxiliary circuit       500 V         shock resistance at rectangular impulse       9.5g / 5 ms, 5.7g / 10 ms         • at AC       9.5g / 5 ms, 7.8g / 10 ms         machanical service life (operating cycles)       6         • of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Amblent conditions       2 000 m         ambient temperature       -55 +55 °C         • during operation       -25 +55 °C         • during operation       10 %         relative humidity during operation       10 %         relative humidity during operation       95 %         maximum       3         number of poles for main current circuit       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0 </td <td><ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul></td> <td>1 000 V</td>	<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V			
of main circuit rated value     of auxiliary circuit rated value     at AC     other auxiliary and auxiliary circuit     other and auxiliary and auxiliary circuit     other and auxiliary and auxiliary circuit     other and auxiliary and auxiliary and auxiliary and auxiliary and auxiliary and auxil		690 V			
• of auxiliary circuit rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       300 V         • between auxiliary circuit       300 V         • between main and auxiliary circuit       300 V         shock resistance at rectangular impulse       9.5g / 5 ms, 5.7g / 10 ms         • at AC       9.5g / 5 ms, 7.8g / 10 ms         • at AC       13.5g / 5 ms, 7.8g / 10 ms         mechanical service life (operating cycles)       6 kO 000         • of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Ambient comditions       2 000 m         installation altitude at height above sea level maximum ambient temperature       -55 +55 °C         • during operation       -25 +55 °C         • during storage       -55 +80 °C         relative humidity during operation       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts	surge voltage resistance				
maximum permissible voltage for safe isolation in networks with grounded star point       300 V         • between auxiliary and auxiliary circuit       300 V         • between main and auxiliary circuit       500 V         shock resistance at rectangular impulse       9.5g / 5 ms, 5.7g / 10 ms         • at AC       9.5g / 5 ms, 7.8g / 10 ms         shock resistance with sine pulse       13.5g / 5 ms, 7.8g / 10 ms         • at AC       9.5g / 5 ms, 7.8g / 10 ms         mechanical service life (operating cycles)       5 000 000         • of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +55 °C         • during operation       -25 +580 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2:30       95 %         Main circuit       3         number of poles for main current circuit       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         typpe of voltage for main current circuit	<ul> <li>of main circuit rated value</li> </ul>	8 kV			
networks with grounded star point       300 V         • between auxiliary and auxiliary circuit       300 V         • between main and auxiliary circuit       500 V         shock resistance at rectangular impulse       -         • at AC       9.5g / 5 ms, 5.7g / 10 ms         shock resistance with sine pulse       -         • at AC       13.5g / 5 ms, 7.8g / 10 ms         mechanical service life (operating cycles)       -         • of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Ambient conditions       -         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -         • during operation       -25 +55 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity during operation       10 95 %         maximum       95 %         Main circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV			
between main and auxiliary circuit     500 V  shock resistance at rectangular impulse     at AC     9.5g / 5 ms, 5.7g / 10 ms shock resistance with sine pulse     at AC     13.5g / 5 ms, 7.8g / 10 ms mechanical service life (operating cycles)     of contactor typical     5000 000 reference code according to IEC 81346-2     Q Substance Prohibitance (Date)     30/01/2017 Ambient conditions     conductions     installation altitude at height above sea level maximum         aduring operation         cduring operation         cduring storage         cduring storage         cduring operation         relative humidity at 55 °C according to IEC 60068-2-30         maximum         Main circuit      number of NO contacts for main current circuit         number of NC contacts for main contacts         operating voltage         outing voltage	maximum permissible voltage for safe isolation in networks with grounded star point				
shock resistance at rectangular impulse       9.5g / 5 ms, 5.7g / 10 ms         • at AC       9.5g / 5 ms, 5.7g / 10 ms         shock resistance with sine pulse       13.5g / 5 ms, 7.8g / 10 ms         • at AC       13.5g / 5 ms, 7.8g / 10 ms         mechanical service life (operating cycles)       5 000 000         • of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +55 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity during operation       10 95 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         maximum       3         number of poles for main current circuit       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	<ul> <li>between auxiliary and auxiliary circuit</li> </ul>	300 V			
• at AC9.5g / 5 ms, 5.7g / 10 msshock resistance with sine pulse • at AC13.5g / 5 ms, 7.8g / 10 ms• at AC13.5g / 5 ms, 7.8g / 10 msmechanical service life (operating cycles)5000 000• of contactor typical5 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)03/01/2017Ambient conditions2 000 minstallation altitude at height above sea level maximum ambient temperature • during storage- 25 +55 °C• during operation-25 +55 °C• during operation relative humidity during operation maximum10 %Main circuit	<ul> <li>between main and auxiliary circuit</li> </ul>	500 V			
shock resistance with sine pulse       installation altitude at height above sea level maximum         • at AC       13.5g / 5 ms, 7.8g / 10 ms         • of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +55 °C         • during operation       -25 +55 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity during operation       10 95 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       3         number of poles for main current circuit       3         number of NC contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	shock resistance at rectangular impulse				
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• of contactor typical       5 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       03/01/2017         Ambient conditions       2 000 m         installation altitude at height above sea level maximum ambient temperature       2 000 m         • during operation       -25 +55 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       3         number of poles for main current circuit       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	• at AC	13.5g / 5 ms, 7.8g / 10 ms			
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Substance Prohibitance (Date)       03/01/2017         Ambient conditions       installation altitude at height above sea level maximum ambient temperature       2 000 m         • during operation       -25 +55 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity during operation       10 95 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit       3         number of poles for main current circuit       3         number of NO contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	<ul> <li>of contactor typical</li> </ul>	5 000 000			
Ambient conditions         installation altitude at height above sea level maximum         ambient temperature         • during operation         • during storage         relative humidity minimum         relative humidity during operation         relative humidity during operation         relative humidity at 55 °C according to IEC 60068-2-30         maximum         Main circuit         number of poles for main current circuit         number of NO contacts for main contacts         number of NC contacts for main contacts         type of voltage for main current circuit         AC	reference code according to IEC 81346-2	Q			
installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +55 °C         • during operation       -25 +55 °C         • during storage       -55 +80 °C         relative humidity minimum       10 %         relative humidity during operation       10 95 %         relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit       3         number of poles for main current circuit       3         number of NO contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	Substance Prohibitance (Date)	03/01/2017			
ambient temperature• during operation-25 +55 °C• during storage-55 +80 °Crelative humidity minimum10 %relative humidity during operation10 95 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %Main circuit	Ambient conditions				
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	ambient temperature				
relative humidity minimum       10 %         relative humidity during operation       10 95 %         relative humidity at 55 °C according to IEC 60068-2-30       95 %         Main circuit       Main circuit         number of poles for main current circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC	<ul> <li>during operation</li> </ul>				
relative humidity during operation10 95 %relative humidity at 55 °C according to IEC 60068-2-30 maximum95 %Main circuitnumber of poles for main current circuit3number of NO contacts for main contacts3number of NC contacts for main contacts0type of voltage for main current circuitACoperating voltageAC					
relative humidity at 55 °C according to IEC 60068-2-30 maximum       95 %         Main circuit	relative humidity minimum				
maximum       Main circuit         Main circuit       3         number of poles for main current circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC					
number of poles for main current circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage       AC		95 %			
number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         type of voltage for main current circuit       AC         operating voltage	Main circuit				
number of NC contacts for main contacts     0       type of voltage for main current circuit     AC       operating voltage     AC	number of poles for main current circuit	3			
type of voltage for main current circuit AC operating voltage	number of NO contacts for main contacts	3			
operating voltage	number of NC contacts for main contacts	0			
	type of voltage for main current circuit	AC			
• at AC-3 rated value maximum 690 V	operating voltage				
	<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V			

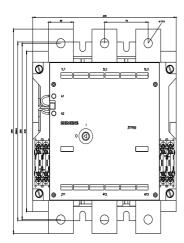
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
• at AC-1	
— up to 690 V at ambient temperature 40 °C	910 A
rated value	
— up to 690 V at ambient temperature 55 °C	850 A
rated value	
● at AC-3	
— at 400 V rated value	820 A
— at 500 V rated value	820 A
— at 690 V rated value	820 A
• at AC-3e	
- at 400 V rated value	630 A
— at 500 V rated value	630 A
— at 690 V rated value	630 A
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	690 A
● at AC-6a	
<ul> <li>— up to 500 V for current peak value n=20 rated</li> </ul>	675 A
value	
<ul> <li>up to 690 V for current peak value n=20 rated</li> </ul>	675 A
value	
• at AC-6a	
<ul> <li>up to 400 V for current peak value n=30 rated</li> </ul>	450 A
value	
<ul> <li>up to 500 V for current peak value n=30 rated</li> </ul>	450 A
value	
<ul> <li>up to 690 V for current peak value n=30 rated</li> </ul>	450 A
value	
connectable conductor cross-section in main circuit at AC-1	
	000 3
• at 40 °C minimum permissible	600 mm <sup>2</sup>
operational current for approx. 200000 operating	
cycles at AC-4	000 A
at 400 V rated value	360 A
<ul> <li>at 690 V rated value</li> </ul>	360 A
operating power	
● at AC-3	
— at 230 V rated value	260 kW
— at 400 V rated value	450 kW
— at 690 V rated value	800 kW
● at AC-3e	
— at 230 V rated value	200 kW
— at 400 V rated value	335 kW
— at 690 V rated value	600 kW
operating apparent power at AC-6a	
up to 400 V for current peak value n=20 rated value	445 kVA
• up to 690 V for current peak value n=20 rated value	771 kVA
operating apparent power at AC-6a	007.11/4
• up to 400 V for current peak value n=30 rated value	297 kVA
<ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>	514 kVA
thermal short-time current limited to 10 s	7 000 A
power loss [W] at AC-3 at 400 V for rated value of the	70 W
operational current per conductor	
power loss [W] at AC-3e at 400 V for rated value of the	70 W
operational current per conductor	
no-load switching frequency at AC	1 000 1/h
operating frequency	
<ul> <li>at AC-1 maximum</li> </ul>	700 1/h
• at AC-3e	
— at 400 V maximum	500 1/h
— at 690 V maximum	500 1/h
<ul> <li>at AC-2 at AC-3 maximum</li> </ul>	200 1/h
• at AC-2 at AC-3e maximum	200 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	

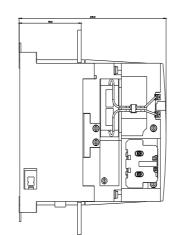
<ul> <li>at 50 Hz rated value</li> </ul>	200 240 V				
<ul> <li>at 60 Hz rated value</li> </ul>	200 240 V				
operating range factor control supply voltage rated					
value of magnet coil at AC					
• at 50 Hz	0.8 1.1				
• at 60 Hz	0.8 1.1				
apparent pick-up power of magnet coil at AC					
• at 50 Hz	600 VA				
• at 60 Hz	600 VA				
inductive power factor with closing power of the coil					
• at 50 Hz	1				
• at 60 Hz	1				
apparent holding power of magnet coil at AC					
• at 50 Hz	12.9 VA				
• at 60 Hz	12.9 VA				
inductive power factor with the holding power of the					
coil					
• at 50 Hz	0.31				
• at 60 Hz	0.31				
closing delay					
• at AC	80 120 ms				
opening delay					
• at AC	70 80 ms				
arcing time	10 15 ms				
control version of the switch operating mechanism	Standard A1 - A2				
Auxiliary circuit					
number of NC contacts for auxiliary contacts					
attachable	4				
instantaneous contact	4				
	4				
number of NO contacts for auxiliary contacts <ul> <li>attachable</li> </ul>	4				
	4				
instantaneous contact					
operational current at AC-12 maximum	10 A				
operational current at AC-15	5.0.4				
at 230 V rated value	5.6 A				
at 400 V rated value	3.6 A				
at 500 V rated value	2.5 A				
• at 690 V rated value	2.3 A				
operational current at DC-12 at 440 V rated value	0.33 A				
operational current at DC-12					
• at 24 V rated value	10 A				
• at 48 V rated value	10 A				
<ul> <li>at 110 V rated value</li> </ul>	3.2 A				
<ul> <li>at 125 V rated value</li> </ul>	2.5 A				
• at 220 V rated value	0.9 A				
• at 600 V rated value	0.22 A				
operational current at DC-13					
• at 24 V rated value	10 A				
• at 48 V rated value	5 A				
<ul> <li>at 110 V rated value</li> </ul>	1.14 A				
• at 125 V rated value	0.98 A				
<ul> <li>at 220 V rated value</li> </ul>	0.48 A				
• at 600 V rated value	0.07 A				
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (17				
	V, 5 mA)				
UL/CSA ratings					
full-load current (FLA) for 3-phase AC motor					
• at 480 V rated value	820 A				
<ul> <li>at 600 V rated value</li> </ul>	820 A				
yielded mechanical performance [hp]					
<ul> <li>for 3-phase AC motor</li> </ul>					
— at 200/208 V rated value	290 hp				
— at 220/230 V rated value	350 hp				
— at 460/480 V rated value	700 hp				

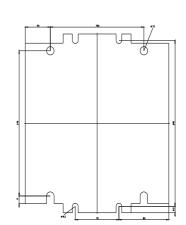
at 575/600 V/ rated value	960 hp			
<ul> <li>— at 575/600 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> </ul>	860 hp A600 / Q600			
Short-circuit protection	10001 2000			
design of the fuse link				
for short-circuit protection of the main circuit				
- with type of coordination 1 required	gG: 1250 A (690 V, 100 kA)			
— with type of assignment 2 required	gG: 630 A (690 V, 50 kA), aM: 630 A (690 V, 50 kA), BS88: 630 A (690			
	Ў, 50 kA)			
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	fuse gG: 10 A			
Installation/ mounting/ dimensions				
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting			
for a forming on a state of	surface +/- 22.5° tiltable to the front and back			
fastening method	screw fixing			
side-by-side mounting	Yes 295 mm			
height width	230 mm			
depth	230 mm			
required spacing				
with side-by-side mounting				
<ul> <li>with side-by-side mounting</li> <li>— forwards</li> </ul>	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	10 mm			
for grounded parts				
— forwards	20 mm			
— upwards	10 mm			
— at the side	10 mm			
— downwards	10 mm			
• for live parts				
— forwards	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	10 mm			
Connections/ Terminals				
type of electrical connection				
for main current circuit	Connection bar			
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals			
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals			
width of connection bar	40 mm			
thickness of connection bar	6 mm			
diameter of holes	13.5 mm			
number of holes	1			
type of connectable conductor cross-sections for main contacts				
• stranded	50 240 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	50 240 mm²			
connectable conductor cross-section for main contacts				
<ul> <li>finely stranded with core end processing</li> </ul>	240 50 mm²			
connectable conductor cross-section for auxiliary contacts				
<ul> <li>solid or stranded</li> </ul>	0.5 2.5 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm²			
type of connectable conductor cross-sections				
<ul> <li>for auxiliary contacts</li> </ul>				
— solid	2x (0.5 1.0 mm²), 2x (1.0 2.5 mm²)			
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.0 mm²), 2x (0.75 2.5 mm²)			
<ul> <li>at AWG cables for auxiliary contacts</li> </ul>	2x (18 12)			
AWG number as coded connectable conductor cross				
section	500			
for main contacts     for auxiliary contacts	500			
for auxiliary contacts	18 12			
Safety related data				

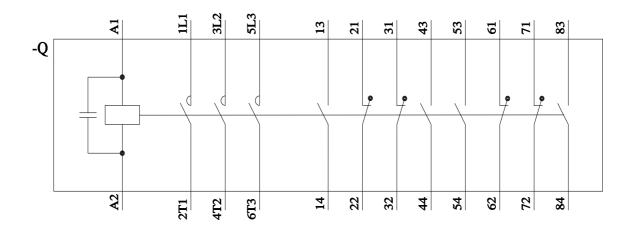
Safety related data

• positively driver 5-1 protection class IP o 60529		o IEC 60947- J <b>to IEC</b>	left aux No IP00; IF	iliary switch block ro 220 with cover	tact from the front with control of the front of the fron	U
SP		(h) u		EHC	<u>Type Examination</u> <u>Certificate</u>	C C EG-Konf.
Declaration of Conformity	Test Certificates				Marine / Shipping	
UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Co</u> ate	ertific-	<u>Miscellaneous</u>	BUREAU VERITAS	PRS
Marine / Shipping		other				
RMRS	DNV-GL DW1-CDM0	<u>Confirmatic</u>	<u>on</u>	<u>Miscellaneous</u>		
Further information						
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TF6944-0CM7 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF6944-0CM7 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3TF6944-0CM7 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF6944-0CM7⟨=en Characteristic: Tripping characteristics, I <sup>2</sup> t, Let-through current						
https://support.industr	y.siemens.com/cs/ww/ ics (e.g. electrical end	en/ps/3TF6944-0 lurance, switchi	0CM7/cha ing frequ	ency)	17&objecttype=14&gridvi	<u>ew=view1</u>









8/2/2022 🖸