SIEMENS

3TF6833-8DP4 **Data sheet**

Contactor, Size 14, 3-pole, AC-3, 335kW, 400/380 V (1000 V) Auxiliary switch 33 (3 NO+3 NC) with reversing contactor 3TC4417-4A and series resistor DC economy circuit 230 V DC





Vacuum contactor
3TF6
14
No
No
1 000 V
690 V
8 kV
6 kV
300 V
500 V
9.5g / 5 ms, 5.7g / 10 ms
14.5 g / 5 ms, 9.1 g / 10 ms
5 000 000
Q
01.03.2017 00:00:00
2 000 m
-25 +55 °C
-55 +80 °C
10 %
10 95 %
95 %
3
3
0
AC

■ at AC-3 rated value maximum ■ at AC-1 — up to 800 V at ambient temperature 40 °C reliep value — up to 1000 V at ambient temperature 55 °C reliep value — up to 1000 V at ambient temperature 55 °C reliep value — up to 1000 V at ambient temperature 55 °C reliep value — up to 1000 V at ambient temperature 55 °C reliep value — at 600 V rated value — at 600 V rated value — at 1000 V for current peak value n=20 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — up to 1000 V for current peak value n=30 rated value — at 400 V rated value — at 1000 V for current peak value n=30 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak value n=20 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak value n=30 rated value — up to 600 V for current peak	operating voltage	
operational current	operating voltage • at AC-3 rated value maximum	1 000 V
— up to 690 ∨ at ambient temperature 40 °C rated value — up to 1000 V at ambient temperature 55 °C rated value — up to 1000 V at ambient temperature 55 °C rated value — up to 1000 V at ambient temperature 55 °C rated value — at 400 V rated value — 300 V rated value	•	
— up to 500 V at ambient temperature 55 °C rated value — up to 1000 V et ambient temperature 55 °C rated value • at AC-3	— up to 690 V at ambient temperature 40 °C	700 A
	— up to 690 V at ambient temperature 55 °C	630 A
	— up to 1000 V at ambient temperature 55 °C	450 A
	• at AC-3	
- at 500 V rated value - at 690 V rated value - at 1000 V rated value - at 1000 V rated value - at 1000 V rated value - at AC-4 at 400 V rated value - up to 500 V for current peak value n=20 rated value - up to 690 V for current peak value n=20 rated value - up to 1000 V for current peak value n=20 rated value - up to 400 V for current peak value n=30 rated value - up to 500 V for current peak value n=30 rated value - up to 500 V for current peak value n=30 rated value - up to 500 V for current peak value n=30 rated value - up to 500 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - up to 1000 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - at 400 V rated value - at 1000 V rated value - at 1000 V rated value - up to 400 V for current peak value n=20 rated value - up to 400 V for current peak value n=20 rated value - up to 400 V for current peak value n=20 rated value - up to 400 V for current peak value n=20 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak value n=30 rated value - up to 400 V for current peak		630 A
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value	• at AC-6a	
value		
value — up to 1000 V for current peak value n=30 rated value connectable conductor cross-section in main circuit at AC-1	value	
value connectable conductor cross-section in main circuit at AC-1 • at 40 °C minimum permissible operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 800 V rated value • at AC-3 — at 230 V rated value — at 400 V rated value — at 400 V rated value — at 400 V rated value — at 690 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 1000 V rated value — at 900 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 500 V for current peak value n=	value	
at 4C-1 • at 40 °C minimum permissible operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 230 V rated value — at 230 V rated value — at 400 V rated value — at 400 V rated value — at 400 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 1000 V rated value — book w — at 1000 V rated value — ou pt 0 400 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 590 V for current peak value n=30 rated value • up to 590 V for current peak value n=30 rated value • up to 590 V for current peak value n=30 rated value • up to 590 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=20 rated	value	342 A
operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 690 V rated value operating power • at AC-3 — at 230 V rated value — at 400 V rated value — at 400 V rated value — at 690 V rated value — at 690 V rated value — at 1000 V roted value — at 1000 V roted value — at 1000 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400	at AC-1	
e at 400 V rated value		480 mm²
• at 690 V rated value operating power • at AC-3 — at 230 V rated value — at 400 V rated value — at 1000 V rated value — at 1000 V rated value 600 kW operating apparent power at AC-6a • up to 400 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690	•	
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- at 230 V rated value - at 400 V rated value - at 690 V rated value - at 1000 V rated value 600 kW operating apparent power at AC-6a • up to 400 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value value operating apparent power at AC-6a • up to 400 V for current peak value n=20 rated value value operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value oup to 1000 V for current peak value of the value value thermal short-time current limited to 10 s 5 040 A 45 W operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 700 1/h • at AC-2 at AC-3 maximum	operating power	
- at 400 V rated value - at 690 V rated value - at 1000 V rated value 600 kW operating apparent power at AC-6a • up to 400 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value operating short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 700 1/h 200 1/h	• at AC-3	
- at 690 V rated value - at 1000 V rated value 600 kW operating apparent power at AC-6a • up to 400 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value value operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value solve kV·A 592 kV·A thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency • at AC-1 maximum at AC-2 at AC-3 maximum 700 1/h 200 1/h	— at 230 V rated value	200 kW
— at 1000 V rated value operating apparent power at AC-6a oup to 400 V for current peak value n=20 rated value oup to 690 V for current peak value n=20 rated value oup to 1000 V for current peak value n=20 rated value operating apparent power at AC-6a oup to 400 V for current peak value n=30 rated value oup to 690 V for current peak value n=30 rated value oup to 1000 V for current peak value n=30 rated value oup to 1000 V for current peak value n=30 rated value oup to 1000 V for current peak value n=30 rated value value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency out at AC-1 maximum out at AC-2 at AC-3 maximum 700 1/h out at AC-3 at AC-3 maximum 700 1/h	— at 400 V rated value	
operating apparent power at AC-6a • up to 400 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value value operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 700 1/h 238 kV·A 338 kV·A 338 kV·A 586 kV·A 586 kV·A 592 kV·A 490 kV·A 490 kV·A 490 kV·A 45 W 700 1/h 700 1/h 200 1/h	— at 690 V rated value	600 kW
 up to 400 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 1000 V for current peak value n=20 rated value up to 1000 V for current peak value n=20 rated value operating apparent power at AC-6a up to 400 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value spok kV·A up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s 5 040 A power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC-1 maximum at AC-3 maximum 200 1/h 		600 kW
 up to 690 V for current peak value n=20 rated value up to 1000 V for current peak value n=20 rated value operating apparent power at AC-6a up to 400 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC ot 1/h ot 1/h at AC-2 at AC-3 maximum 200 1/h 		
up to 1000 V for current peak value n=20 rated value operating apparent power at AC-6a up to 400 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC at AC-1 maximum at AC-2 at AC-3 maximum at AC-2 at AC-3 maximum at AC-4 maximum at AC-4 at AC-3 maximum at AC-5 at AC-5 maximum at AC-6 at AC-7 maximum at AC-7 at AC-8 maximum at AC-6 at AC-7 maximum at AC-7 at AC-8 maximum at AC-8 at AC-8 maximum at AC-8 at AC-8 maximum at AC-8 at AC-9 maximum at AC-8 at AC-9 maximum at AC-9 at A		
operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 200 1/h		
operating apparent power at AC-6a • up to 400 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 200 1/h		752 kV·A
 up to 400 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC at AC-1 maximum at AC-2 at AC-3 maximum 200 1/h 		
 up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 at AC-3 maximum 200 1/h 		226 kV·A
 up to 1000 V for current peak value n=30 rated value thermal short-time current limited to 10 s 5 040 A power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC 2 000 1/h operating frequency at AC-1 maximum at AC-2 at AC-3 maximum 200 1/h 		
thermal short-time current limited to 10 s power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 200 1/h		
power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor no-load switching frequency at AC operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 200 1/h		002 N# /N
operational current per conductor no-load switching frequency at AC operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 200 1/h	thermal short-time current limited to 10 s	5 040 A
operating frequency		45 W
operating frequency • at AC-1 maximum • at AC-2 at AC-3 maximum 200 1/h	no-load switching frequency at AC	2 000 1/h
 at AC-1 maximum at AC-2 at AC-3 maximum 700 1/h 200 1/h 		
		700 1/h
ontrol circuit/ Control	• at AC-2 at AC-3 maximum	200 1/h
	Control circuit/ Control	

control supply voltage at DC	
control supply voltage at DC	230 V
rated value operating range factor control supply voltage rated	200 V
value of magnet coil at DC	
initial value	0.8
full-scale value	1.1
closing power of magnet coil at DC	1 010 W
holding power of magnet coil at DC	28 W
closing delay	
• at DC	76 110 ms
opening delay	
• at DC	10 50 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	3
instantaneous contact	3
number of NO contacts for auxiliary contacts	•
attachable	3
instantaneous contact	3
operational current at AC-12 maximum	3 10 A
operational current at AC-12 maximum	10 A
at 230 V rated value	5.6 A
at 400 V rated value	3.6 A
at 500 V rated value at 500 V rated value	2.5 A
at 690 V rated value 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 440 v rated value	0.55 A
• at 24 V rated value	10 A
at 48 V rated value	10 A
• at 110 V rated value	3.2 A
• at 125 V rated value	2.5 A
at 220 V rated value	0.9 A
• at 600 V rated value	0.22 A
operational current at DC-13	40.4
• at 24 V rated value	10 A
• at 48 V rated value	5 A
at 110 V rated value	1.14 A
• at 125 V rated value	0.98 A
at 220 V rated value	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	630 A
at 600 V rated value at 600 V rated value	630 A
yielded mechanical performance [hp]	
• for 3-phase AC motor	
— at 200/208 V rated value	231 hp
— at 220/230 V rated value	266 hp
— at 460/480 V rated value	530 hp
— at 575/600 V rated value	664 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	7,000 / 2000
design of the fuse link	
for short-circuit protection of the main circuit with type of coordination 1 required.	aC: 1000 A (600 V 100 kA)
— with type of coordination 1 required	gG: 1000 A (690 V, 100 kA)
— with type of assignment 2 required	gG: 500 A (690 V, 100 kA), aM: 630 A (690 V, 50 kA), BS88: 500 A (415

	V, 50 kA)
• for short-circuit protection of the auxiliary switch	fuse gG: 10 A
required Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting
mounting position	surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
side-by-side mounting	Yes
height	276 mm
width	230 mm
depth	237 mm
required spacing	
with side-by-side mounting	
— forwards	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	
width of connection bar	30 mm
thickness of connection bar	6 mm
diameter of holes	11 mm
number of holes	1
type of electrical connection	
for main current circuit	Connection bar
 for auxiliary and control circuit 	screw-type terminals
at contactor for auxiliary contacts	Screw-type terminals
type of connectable conductor cross-sections	
 for main contacts 	
— stranded	70 240 mm²
 finely stranded with core end processing 	50 240 mm²
 at AWG cables for main contacts 	2/0 500 kcmil
connectable conductor cross-section for main contacts	
finely stranded with core end processing	240 50 mm²
	270 JU IIIII
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 2.5 mm²
finely stranded with core end processing	0.5 2.5 mm ²
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid	2x (0.5 1.0 mm²), 2x (1.0 2.5 mm²)
finely stranded with core end processing	2x (0.5 1.0 mm²), 2x (0.75 2.5 mm²)
at AWG cables for auxiliary contacts	2x (18 12)
AWG number as coded connectable conductor cross section	
• for main contacts	500
for auxiliary contacts	18 12
Safety related data	
product function mirror contact acc. to IEC 60947-4-1	Yes; One NC contact each must be connected in series for the right and
p	left auxiliary switch block respectively

product function positively driven operation acc. to IEC

No

60947-5-1

protection class IP on the front acc. to IEC 60529

IP00

Certificates/ approvals

General Product Approval

Functional Safety/Safety of Machinery

Declaration of Conformity









Type Examination Certificate UK Declaration of Conformity

Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Miscellaneous

Type Test Certificates/Test Report





Marine / Shipping

other

Railway



Confirmation

Special Test Certificate

Further information

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=3TF6833-8DP4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TF6833-8DP4

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

https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-8DP4

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

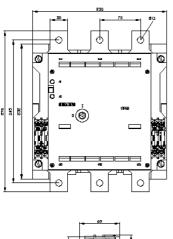
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TF6833-8DP4&lang=en

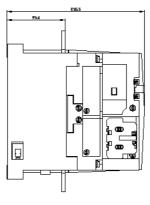
Characteristic: Tripping characteristics, I2t, Let-through current

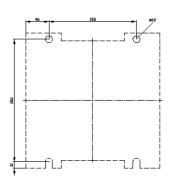
https://support.industry.siemens.com/cs/ww/en/ps/3TF6833-8DP4/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TF6833-8DP4&objecttype=14&gridview=view1

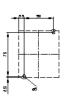




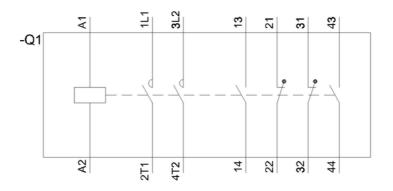




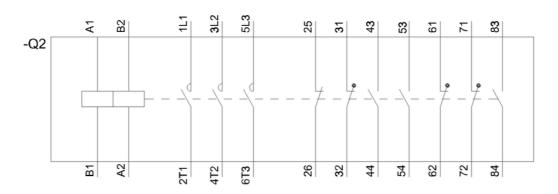




3TC4417-0Axx



3TF(68,69)33-(1D,8D)xx



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