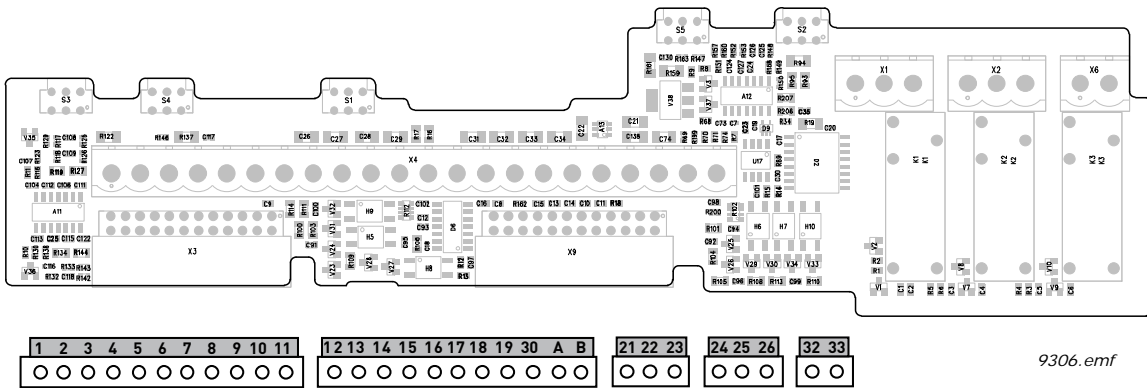


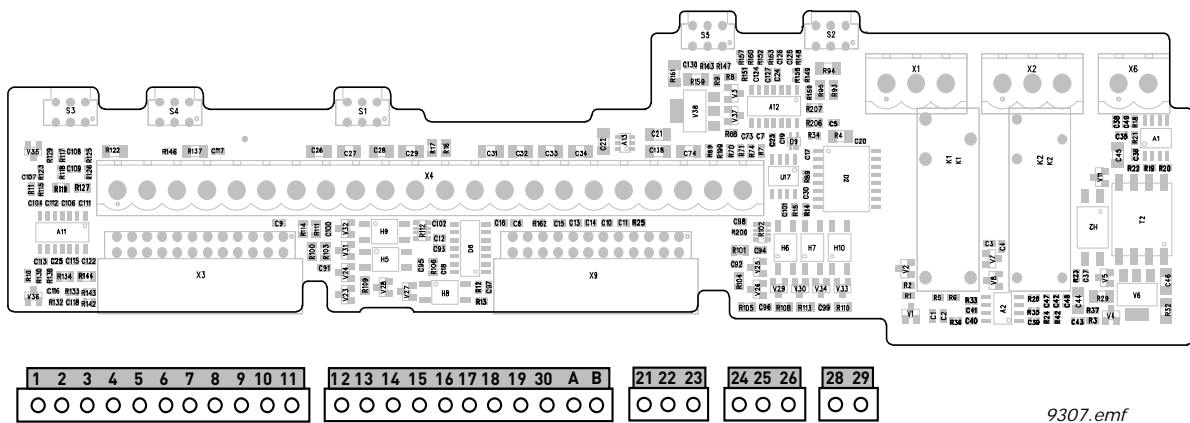
### 3.8 BOARDS OPTF3 AND OPTF4

#### OPTF3:



**Description:** Basic I/O and relay board.  
**Type ID:** 17971  
**Terminals:** Five terminal blocks; Screw terminals (M3); coding  
**Dip switches:** 5 (see Vacon 100 Wall-mounted drives Installation manual for more information)

#### OPTF4:



**Description:** Basic I/O, relay and thermistor board.  
**Type ID:** 17972  
**Terminals:** Five terminal blocks; Screw terminals (M3); coding  
**Dip switches:** 5 (see Vacon 100 Wall-mounted drives Installation manual for more information)

**NOTE:** See detailed technical data on boards OPTF3 and OPTF4 in Vacon 100 Wall-mounted drives Installation manual.



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## 3.8.1 I/O TERMINALS ON OPTF3 AND OPTF4 BOARDS

<b>OPTF3, OPTF4</b>		
<b>Terminal</b>		<b>Signal</b>
1	+10 Vref	Reference output
2	AI1+	Analogue input, voltage or current
3	AI1-	Analogue input, common (current)
4	AI2+	Analogue input 2, voltage or current
5	AI2-	Analogue input 2, common (current)
6	24 Vout	24 V auxiliary voltage
7	GND	I/O ground
8	DI1	Digital input 1
9	DI2	Digital input 2
10	DI3	Digital input 3
11	CM	Common for DI1 - DI6
12	24 Vout	24 V auxiliary voltage
13	GND	I/O ground
14	DI4	Digital input 4
15	DI5	Digital input 5
16	DI6	Digital input 6
17	CM	Common for DI1 - DI6
18	A01+	Analogue signal (+output)
19	A01-/GND	Analogue output common
30	+24 Vin	24 V auxiliary input voltage
A	RS485	Serial bus, negative
B	RS485	Serial bus, positive
21	R01/1 NC	Relay output 1
22	R01/2 CM	
23	R01/3 NO	
24	R02/1 NC	Relay output 2
25	R02/2 CM	
26	R02/3 NO	

**OPTF3:**

32	R03/2 CM	Relay output 3
33	R03/3 NO	

**OPTF4:**

<b>28</b>	TI1+	Thermistor input
<b>29</b>	TI1-	