

For the electrical commissioning please note the following:

- Working under electrical voltage is prohibited!
- 400 VAC 50 Hz power supply
- Read and follow the operating instructions, including the instructions
- Electrical work must be carried out by qualified personnel
- The valid regulations and technical rules must be observed
- The main switch on the ScandFilter must be set to 0 (OFF)

- Connect the power supply to the 6-pin Harting connector according to the following page
- ON / OFF Signal (Pin 1+2) via a bridge, switch or machine as shown on the following page on the 16-pin Harting connector
- The ON / OFF signal gets the voltage from the EC fan, **IMPORTANT!**
- The other feedbacks can be connected to potential free (24 VDC), but they are not necessary for operation

- Important**, the electrical connection is made via the Hartingstecker and there is no further activity on the electrical system of the Scand filter
- Important**, if the ON / OFF signal is sent via a bridge or switch, the fan will start up immediately if the power supply is present

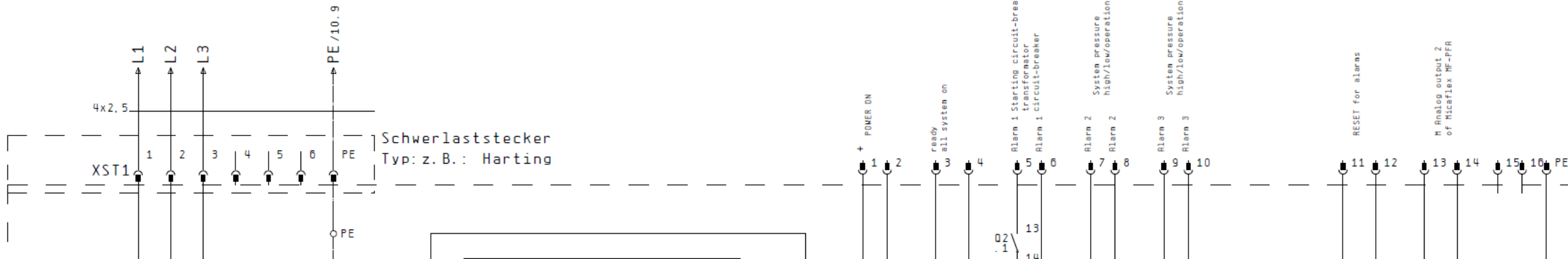
- The micatrone MF-PFA (Differential Pressure Transmitter) is preprogrammed, the setpoint (system pressure needed for the aspiration) is set according to the short manual, micatrone setpoint MF PFA
- The value of the setpoint is increased if more suction is to take place and lowered if less suction is to take place
- The voltage can now be switched on
- The main switch must be switched on (I), the EC fan starts
- The micatrone MF PFA lights up in the display
- Check direction of rotation, if necessary, interchange 2 phases (only to be carried out by an electrician)
- If necessary adjust the suction volume flow by changing the setpoint in the micatrone MF PFA

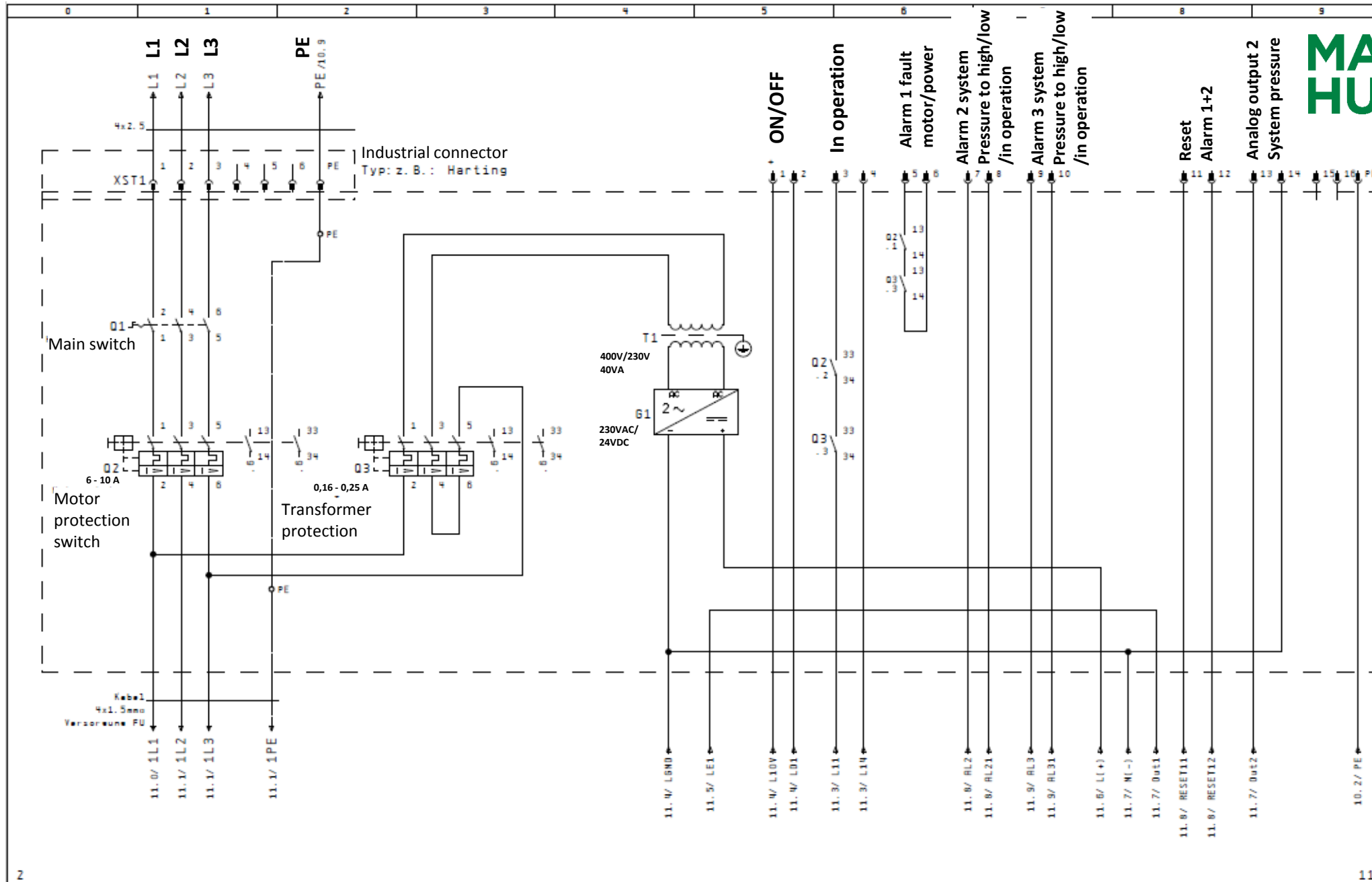
Bridge pole 1 + 2 or pass it through a switch (e.g. machine).

400 VAC
3PH
50 Hz

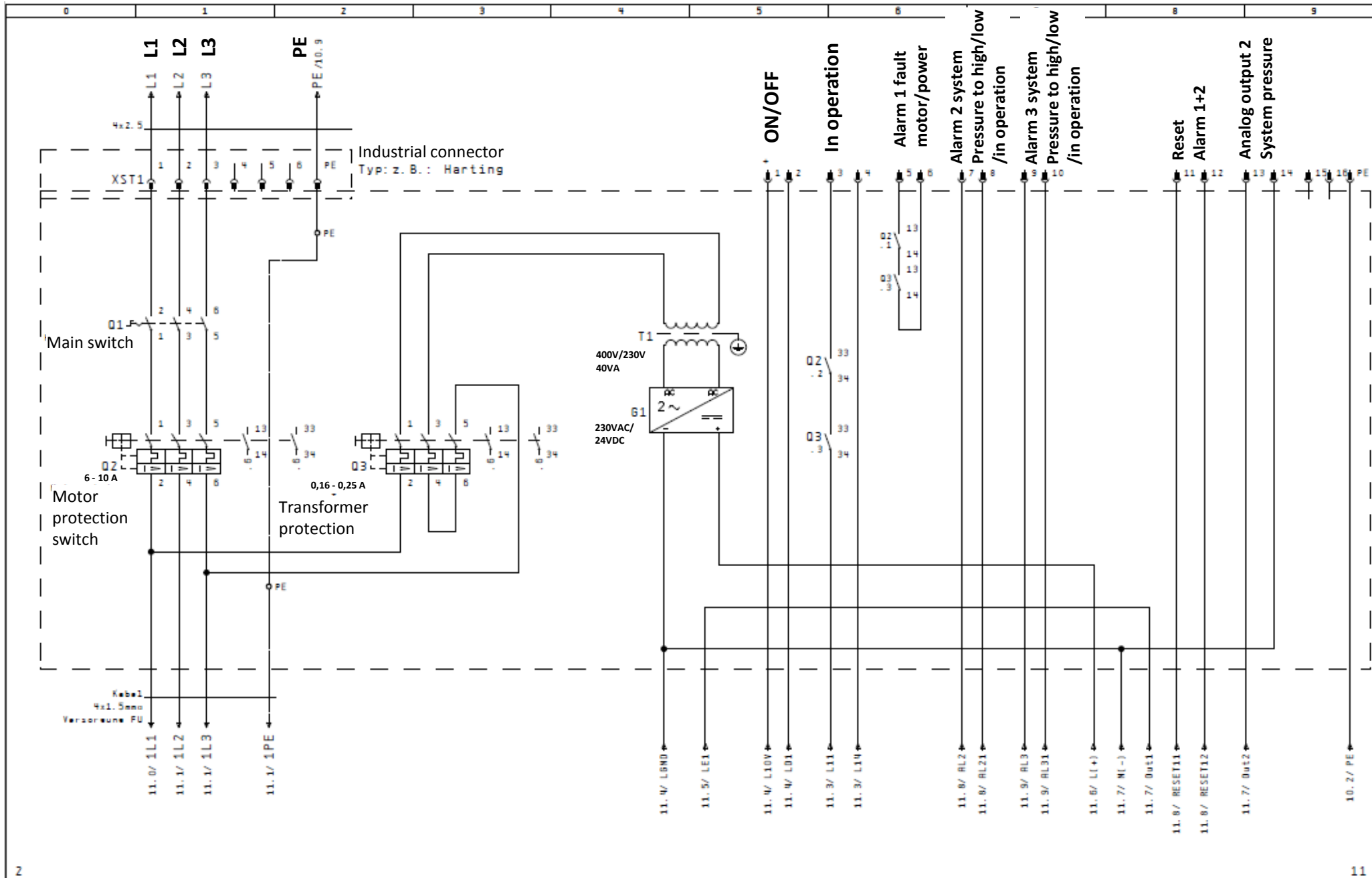
L1	L2	L3				PE
1	2	3	4	5	6	PE

Pol	Designation	Contact	
1	24 VDC for ON/OFFsignal	1+2	needed
2	ON/OFF signal		needed
3	ScandFilter in operating	3+4	
4			
5	Alarm 1-fault motor/power	5+6	
6			
7	Alarm 2-System pressure to high/low/operation signal	7+8	
8			
9	Alarm 3-System pressure to high/low/operation signal	9+10	
10			
11	Reset- for Alarm 2+3	11+12	
12			
13	Analog output (0-10 VDC) of system pressure	13+14	
14			
15	Free		
16	Free		
PE	PE	PE	





2		11	
Detail	KRI	ECB/MICR-Compact	
Bezeichnung	KRI	Control current	
Datum	23.02.18	Rufname/ORDER:	MANN+Hummel
Name		Zeichnungsnummer/DRAWING NO:	2018.2002.04.00
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			Detail						
			Bestell.	KRI	ECB/MICR-Compact				
			Datum	23.02.18					
Änderung	Datum	Name	Norm	Für diese Zeichnung behalten wir uns alle Rechte vor, laut DIN 34					
				Control current		Rufnr./ORDER:	Zeichnungsnummer/DRAWING NO:	Bl. 10	
						MANN+Hummel	2018.2002.04.00	11 Bl.	