

0	1	2	3	4	5	6	7	8	9
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Circuit Diagram



P-666A

2x90R6

Customer:	TMV Project knowledge and trade GmbH
Customers Ref.. No:	POWDER TRANSFER BLOWER
Item no.:	40-BL-401A/B
Installation site:	Germany
RKR Ref:	23A018427
RKR serial no.:	KOA-23-15818 A/B

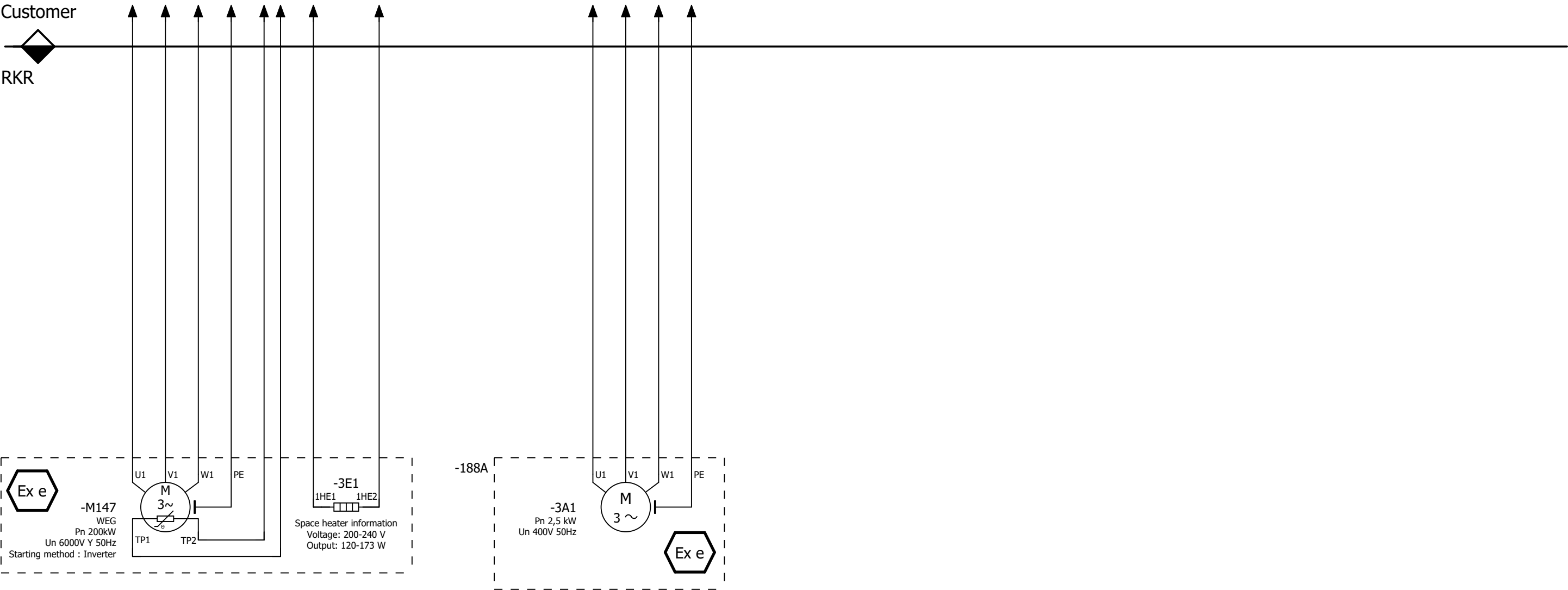
02					RKR	RKR Gebläse & Verdichter GmbH Braasstraße 1 D-31737 Rinteln info@RKR.de	Cover sheet	Document number 000250375-01DE-00	
01	25-03-2024	Transmitter replaced with switch	AF	AF				RKR Ref: 23A018427	Sheet 1
00	17-07-2023	First issue	AF	JD					Sheet 10
Rev.	Date	Modification	Edit	Checked					

Terminal box: 4E1 / 4025

Manufacturer: R. STAHL
Type: 8146/1
Altitude: 170 mm
Width: 227 mm
Depth: 91 mm
Material: Polyester resin
Cable opening: Bottom
Screwed cable glands: 1x M32 (customer)
RKR Type: 024-20020710

02					RKR	RKR Gebläse & Verdichter GmbH Braasstraße 1 D-31737 Rinteln info@RKR.de	Description	Document number 000250375-01DE-00	
01	25-03-2024	Transmitter replaced with switch	AF	AF					
00	17-07-2023	First issue	AF	JD					
Rev.	Date	Modification	Edit	Checked				RKR Ref: 23A018427	Sheet 2 Sheet 10

Wiring from equipment box to power section and DCS by customer



Additional equipment
Winding PT100 - 3 wires 2 x Phase
DE bearing PT100 - 3 wires 1 x Bearing
NDE bearing PT100 - 3 wires 1 x Bearing

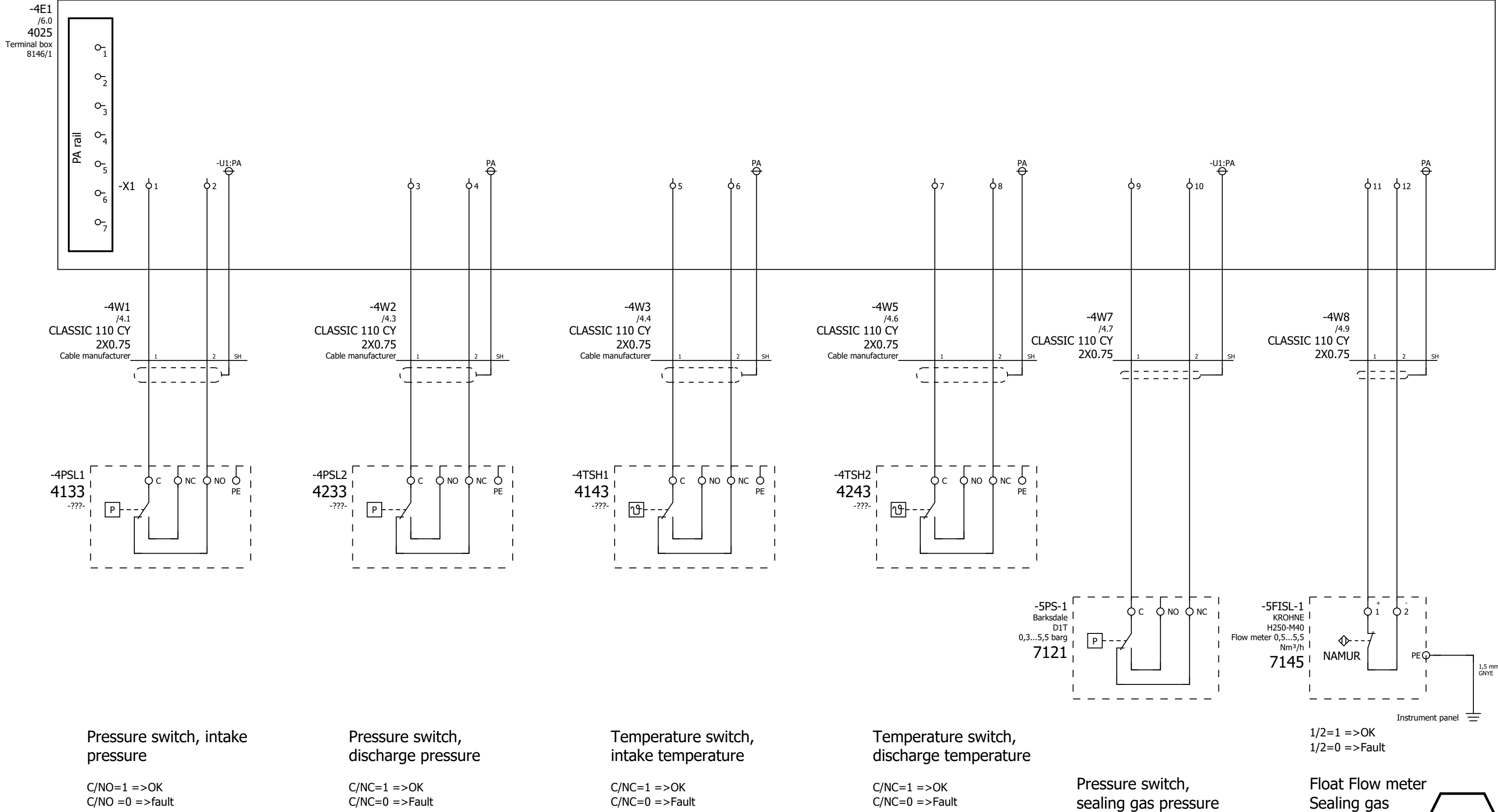
Drive motor, bare shaft blower
For more information please see the motor documentation

Fan motor 1

Customer



RKR



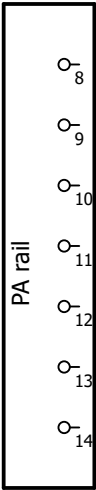
02					RKR	RKR Gebläse & Verdichter GmbH Braasstraße 1 D-31737 Rinteln info@RKR.de	Instrumentation	Document number 000250375-01DE-00	
01	25-03-2024	Transmitter replaced with switch	AF	AF				RKR Ref: 23A018427	Sheet 4
00	17-07-2023	First issue	AF	JD					Sheet 10
Rev.	Date	Modification	Edit	Checked					

Customer



RKR

-4E1
/6.0
4026
Terminal box
8146/1

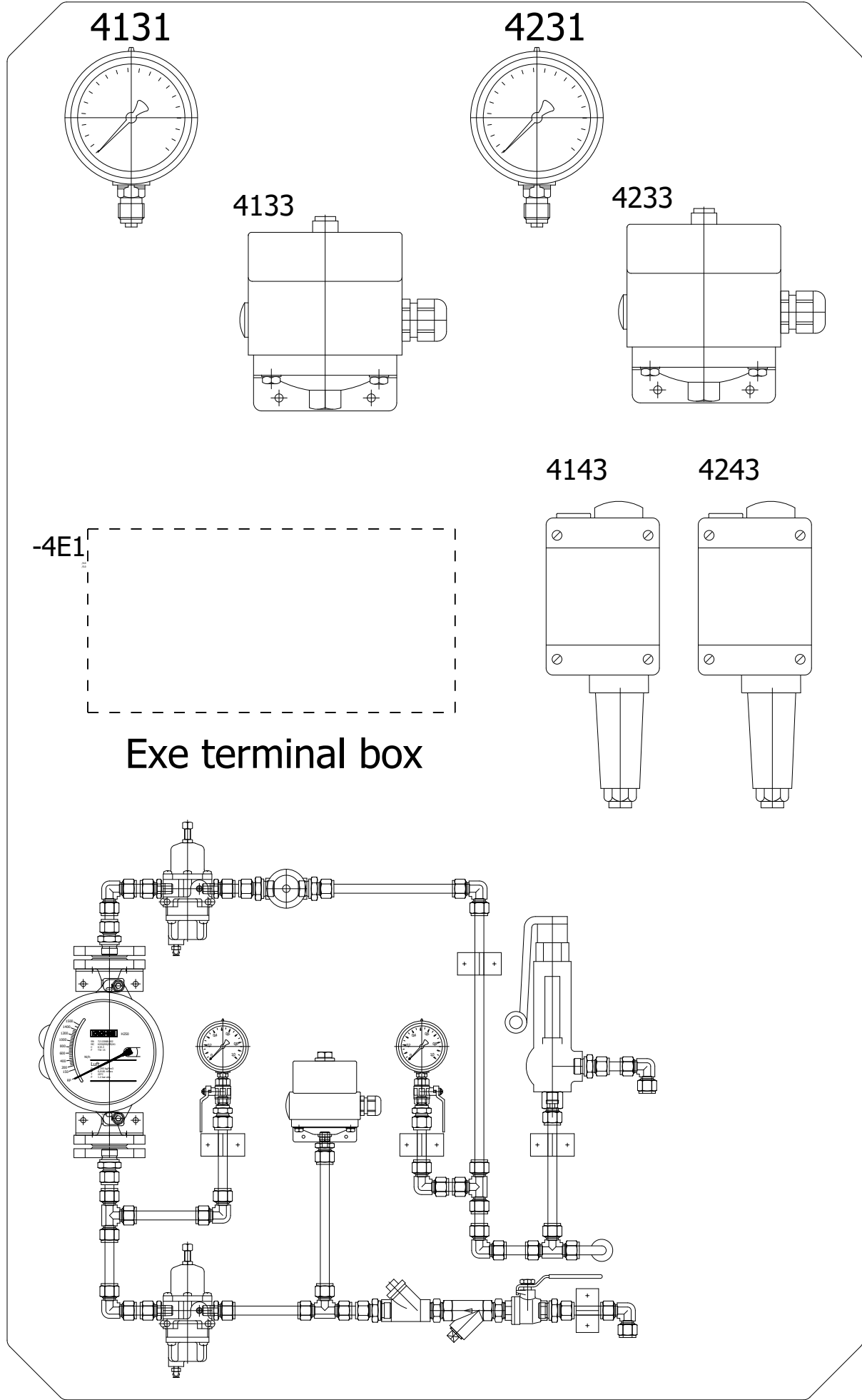


-X1 ϕ 13 ϕ 14 ϕ 15 ϕ 16 ϕ 17 ϕ 18 ϕ 19 ϕ 20

Spare



02					RKR	RKR Gebläse & Verdichter GmbH Braasstraße 1 D-31737 Rinteln info@RKR.de	Instrumentation	Document number 000250375-01DE-00	
01	25-03-2024	Transmitter replaced with switch	AF	AF				RKR Ref: 23A018427	
00	17-07-2023	First issue	AF	JD				Sheet	5
Rev.	Date	Modification	Edit	Checked				Sheet	10



Instrument panel with terminal box,
example illustration

Pos.	Designation	Remark
4133	Pressure switch, intake pressure	
4233	Pressure switch, discharge pressure	
4143	Temperature switch, intake temperature	
4243	Temperature switch, discharge temperature	
4131	Pressure gauge, intake pressure	
4231	Pressure gauge, discharge pressure	
-4E2	Terminal box	

