

ALFABLUE JR - EC motors single phase

drawing number: 9460167317



alfa.luvegroup.com

BOARD RATED VALUE

VOLTAGE DC	---
VOLTAGE AC	230 Vac \pm 10%
FREQUENCY	50 - 60 Hz \pm 2%
POWER MAX	
SHORT CIRCUIT CURRENT (Icc)	
IP DEGREE WITH CLOSED DOORS	IP54
IP DEGREE WITH OPENED DOORS	IP20

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03	New brand	18/12/2019	PCIA	date	18/12/2019
02	Pressure transducer	08/05/2018	DRI	User	ITALPCIA
01	General review	22/06/2017	DRI	Proved	D. Rizzotti
Status	change	date	name		



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16	PRESSURE TRANSDUCER

REVISION

N°	Date	Description
0	09/03/2017	Emission
1	22/06/2017	General review
2	08/05/2018	Pressure transducer
3	18/12/2019	New brand

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













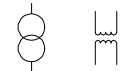






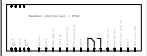












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	ELECTRIC MOTOR		THERMAL PROTECTION CONTROL		RESISTOR		MANUALLY OPERATED SWITCH
	TERMINALS		CONVERTER		VARIABLE RESISTOR		MAINTENANCE SWITCH
	EARTHING		ELECTRONIC MOTOR		HEATER		OPEN CONTACT
	WIRES CONNECTION		CUT-PHASE SPEED CONTROLLER SINGLE PHASE		VOLTAGE TRANSFORMER		CLOSED CONTACT
	T-CONNECTION		CUT-PHASE SPEED CONTROLLER THREE PHASE		PLUG AND SOCKET		CHANGEOVER CONTACT
	SERIE CONNECTION		MASTER CONTROLLER EC REGULATOR		FEMALE CONTACT (OF A SOCKET OR PLUG)		MAKE CONTACT, DELAYED WHEN THE DEVICE CONTAINING THE CONTACT IS BEING ACTIVATED
	PARALLEL CONNECTION		SAFETY OR EMERGENCY CONTROL WITH MUSHROOM PUSH-BUTTON		MALE CONTACT (OF A SOCKET OR PLUG)		BREAK CONTACT, DELAYED WHEN THE DEVICE CONTAINING THE CONTACT IS BEING DE-ACTIVATED
	ROTATIVE CONTROL		KEY CONTROL		PUSH-BUTTON CONTROL		PUSH-BUTTON CONTROL

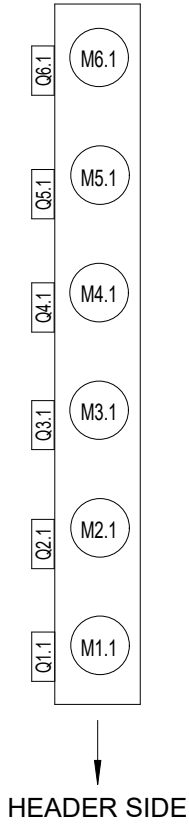
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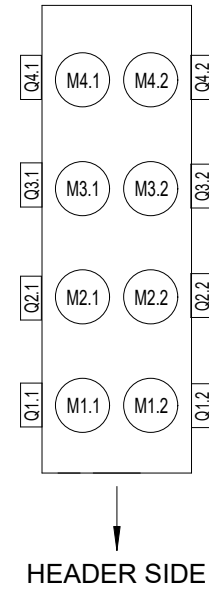
SYMBOLS

LABELING ELECTRICAL COMPONENTS

UNITS SINGLE ROWS



UNITS DOUBLE ROWS



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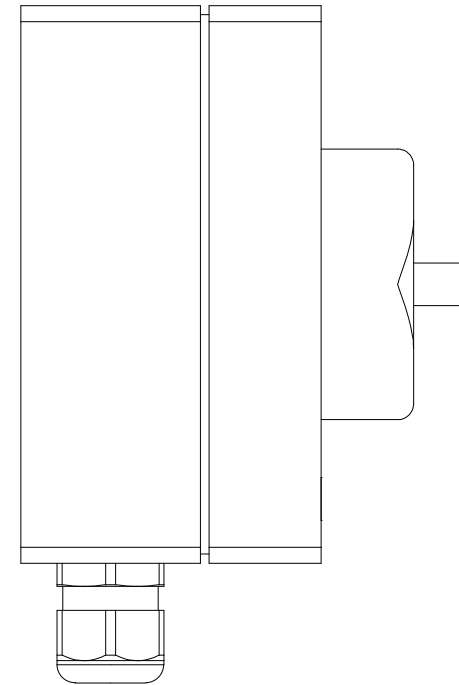
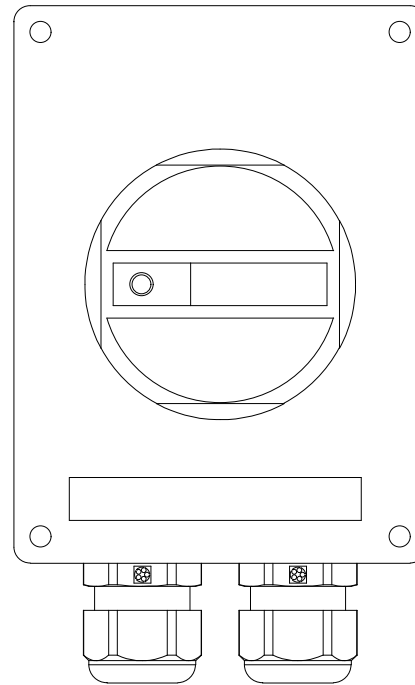
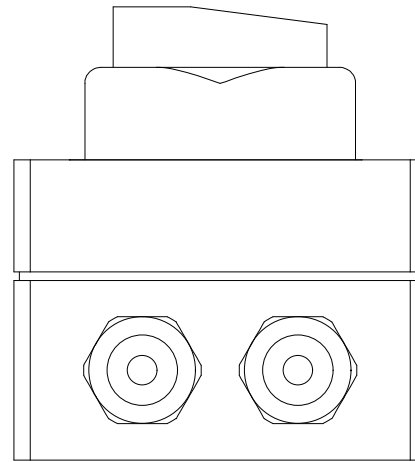


UNIT LAYOUT

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Q1.1 - Q6.1
Q1.2 - Q4.2



Technical data

Material: Polycarbonate
 IP protection class: IP66
 Color: Grey/black
 Rated insulation voltage: 690V
 Rated operational current: 16A
 Ambient temperature: -40/+80°C

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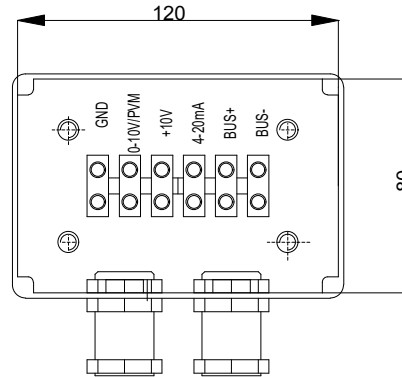


SWITCH LAYOUT

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SB



Technical data

Material: Plastic
 IP protection class: IP54
 Color: RAL7035
 Rated insulation voltage: 500V
 Ambient temperature: -25/+60°C

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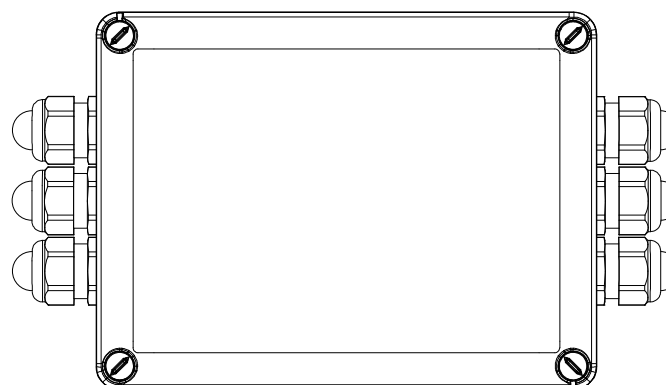
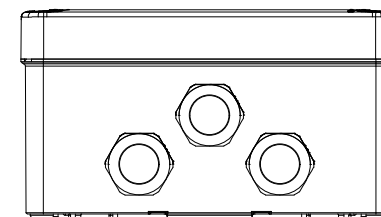
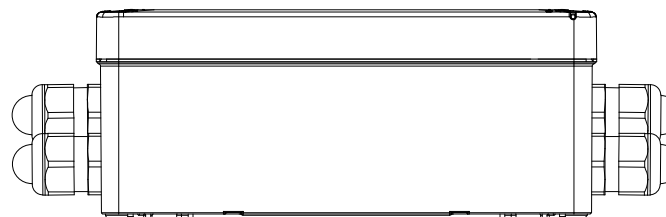
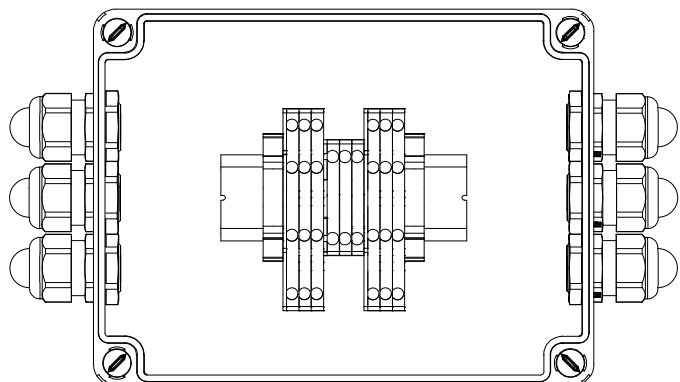


SIGNAL BOX LAYOUT

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CB1



Technical data

Material: Polycarbonate
 IP protection class: IP56
 Color: RAL7035
 Rated insulation voltage: 750V
 Ambient temperature: -25/+60°C
 Dimensions: 190x140x70 mm

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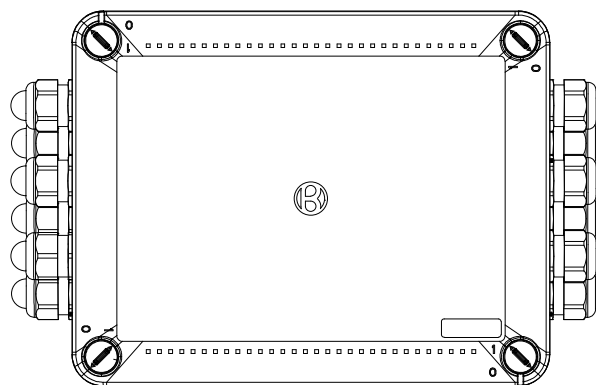
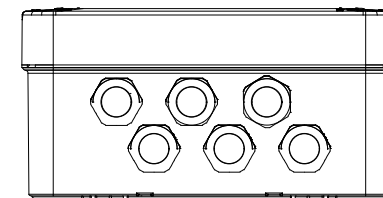
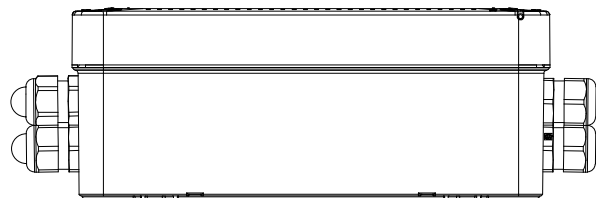
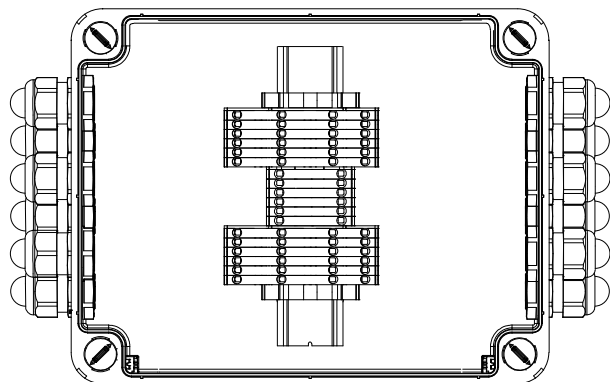


CONNECTION BOX LAYOUT
 3 FANS - 1 PHASE

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CB1



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Technical data

Material: Polycarbonate
IP protection class: IP56
Color: RAL7035
Rated insulation voltage: 750V
Ambient temperature: -25/+60°C
Dimensions: 240x190x90 mm

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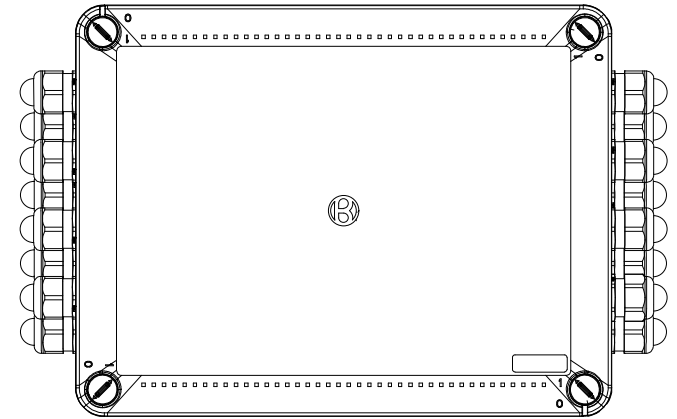
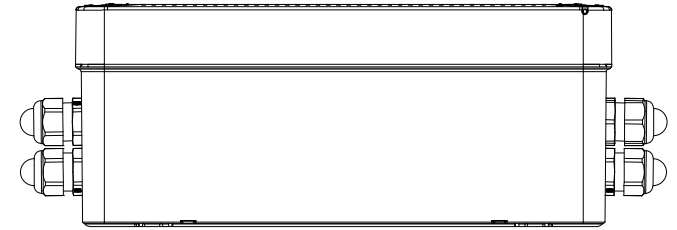
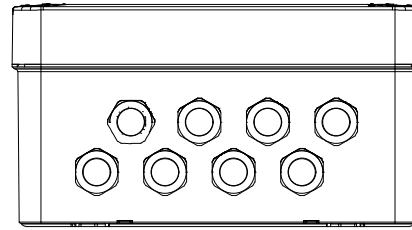
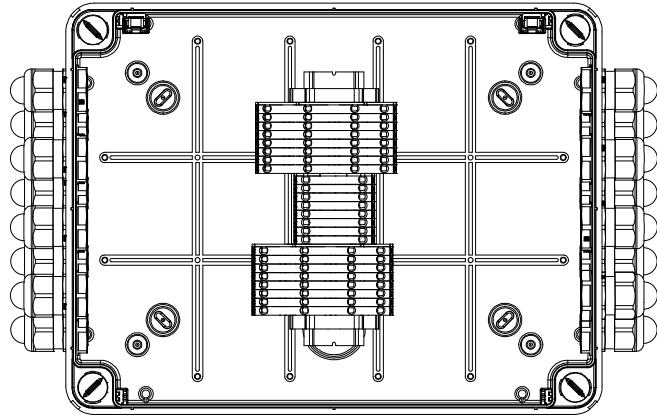


CONNECTION BOX LAYOUT
6 FANS - 1 PHASE

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CB1



Technical data

Material: Polycarbonate
 IP protection class: IP56
 Color: RAL7035
 Rated insulation voltage: 750V
 Ambient temperature: -25/+60°C
 Dimensions: 300x220x120 mm

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CONNECTION BOX LAYOUT
 8 FANS - 1 PHASE

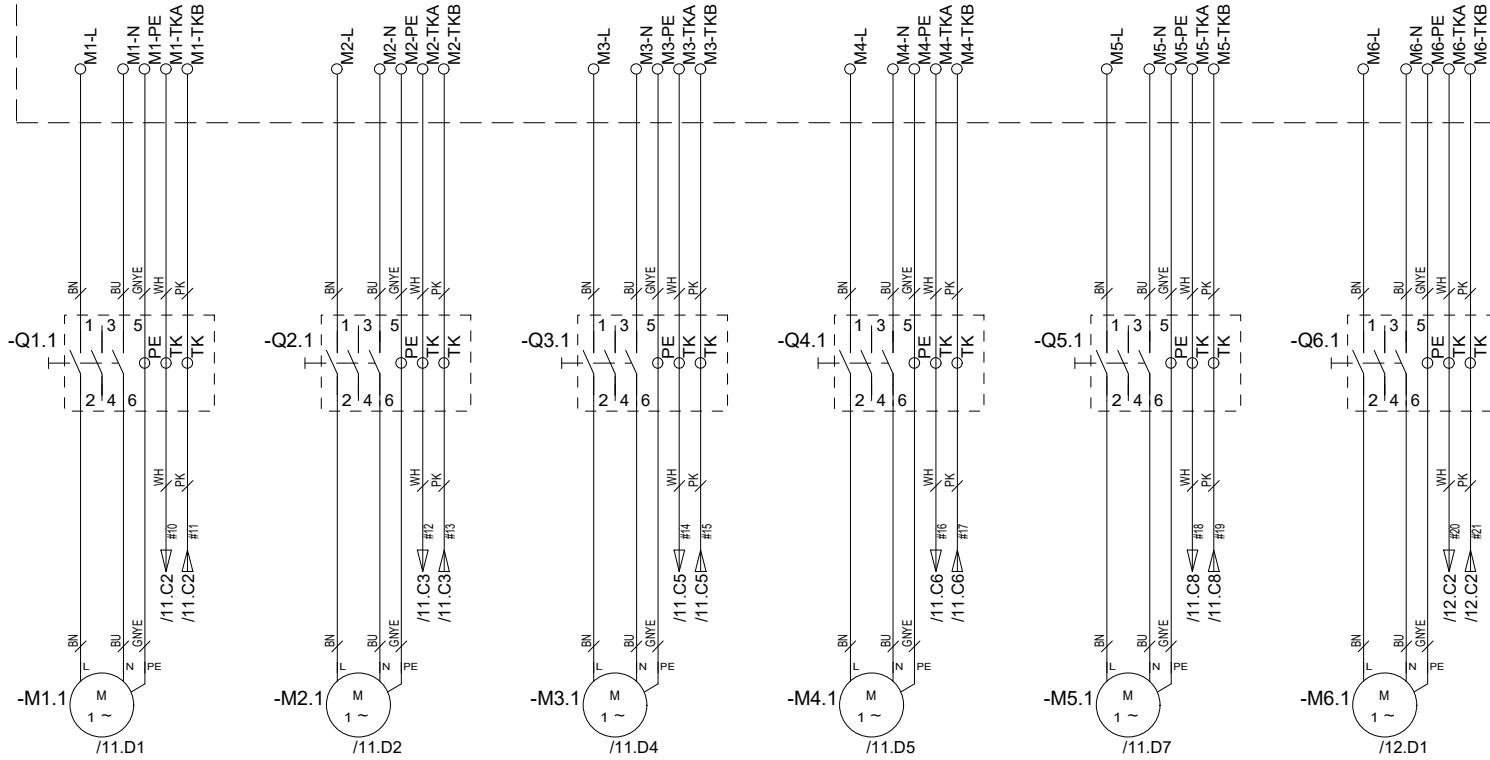
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EC MOTORS POWER CONNECTION

1-phase motors - single row

CB1



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**NOTE: switch for maintenance before motors are optional
fans number according to unit datasheet**

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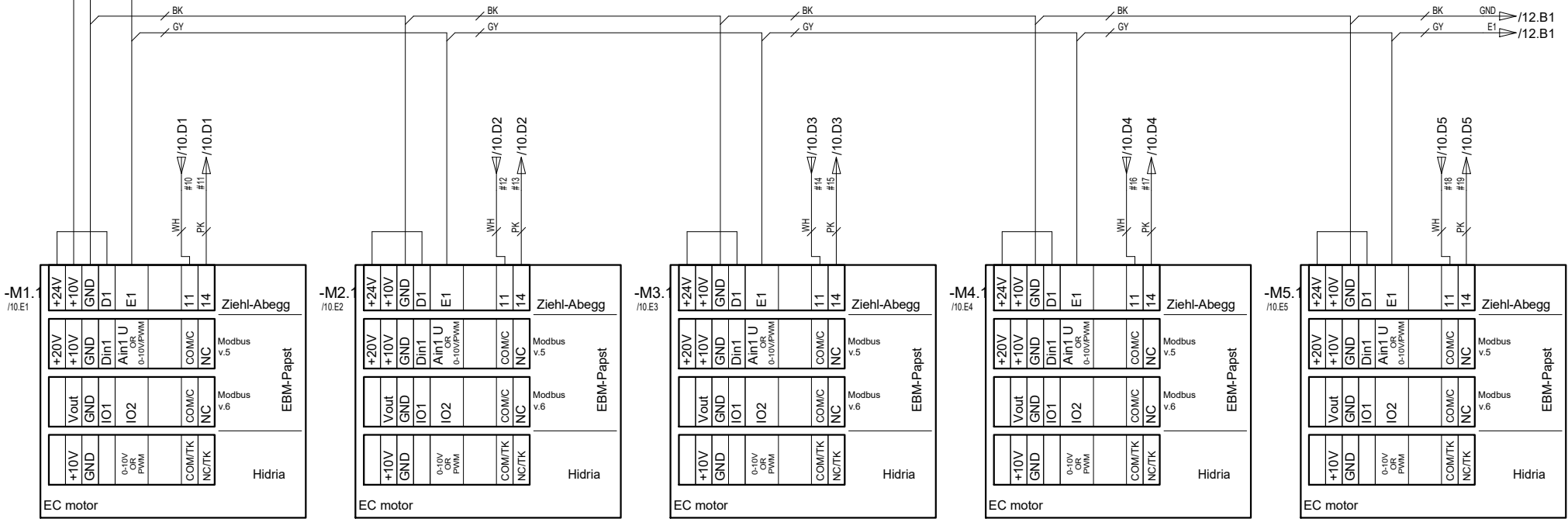
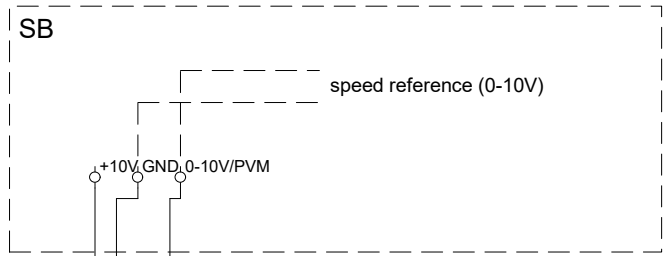


EC MOTORS POWER CONNECTION
1-phase motors

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NOTE: fans number according to unit datasheet
*** Connection needed only for Ziehl-Abegg fans**

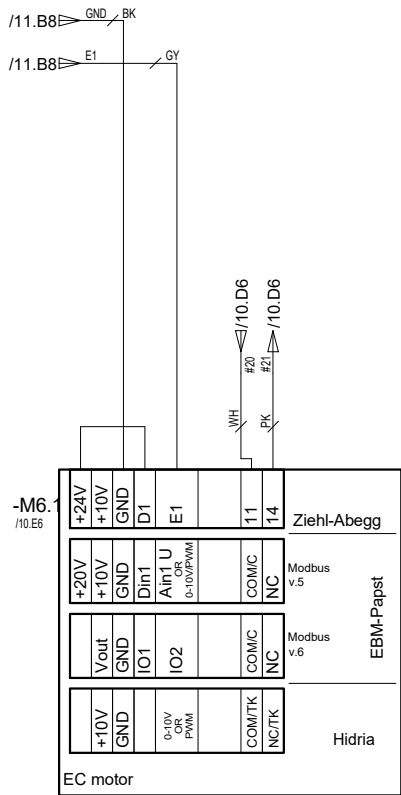
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EC MOTORS SIGNAL CONNECTION
1-phase motors

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EC MOTORS SIGNAL CONNECTION

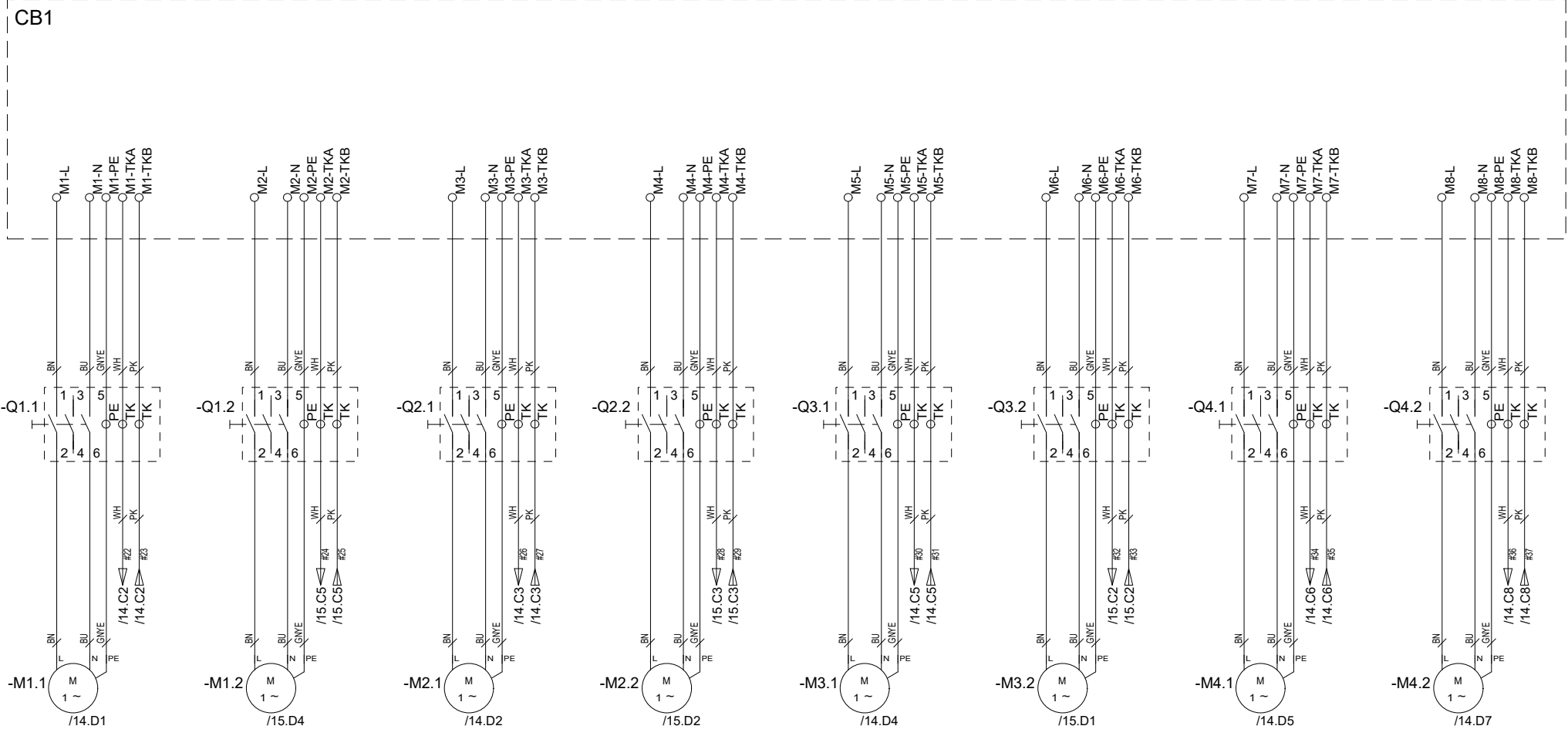
1-phase motors

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EC MOTORS POWER CONNECTION

1-phase motors - double row



**NOTE: switch for maintenance before motors are optional
fans number according to unit datasheet**

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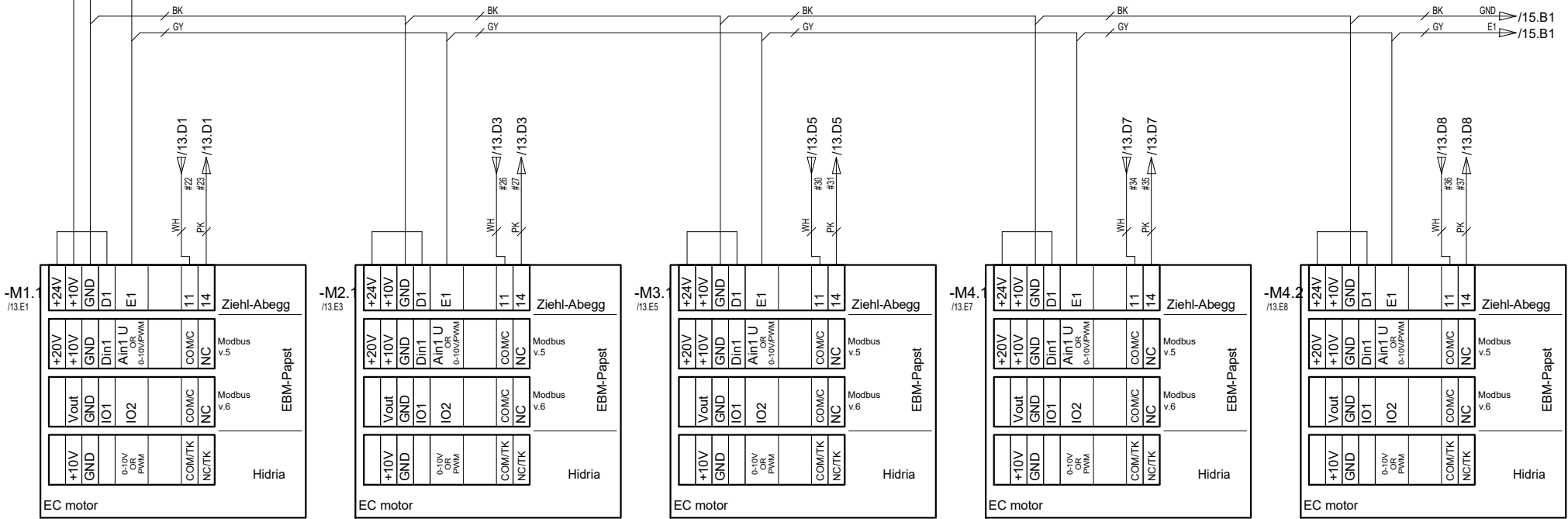
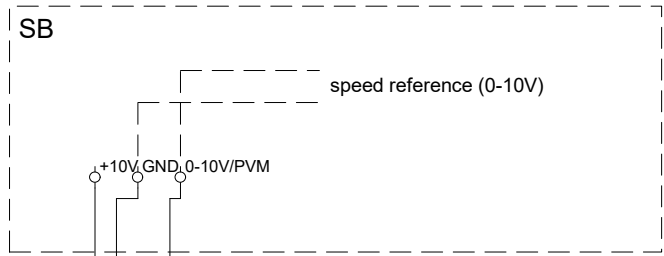
EC MOTORS POWER CONNECTION
1-phase motors

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NOTE: fans number according to unit datasheet
*** Connection needed only for Ziehl-Abegg fans**

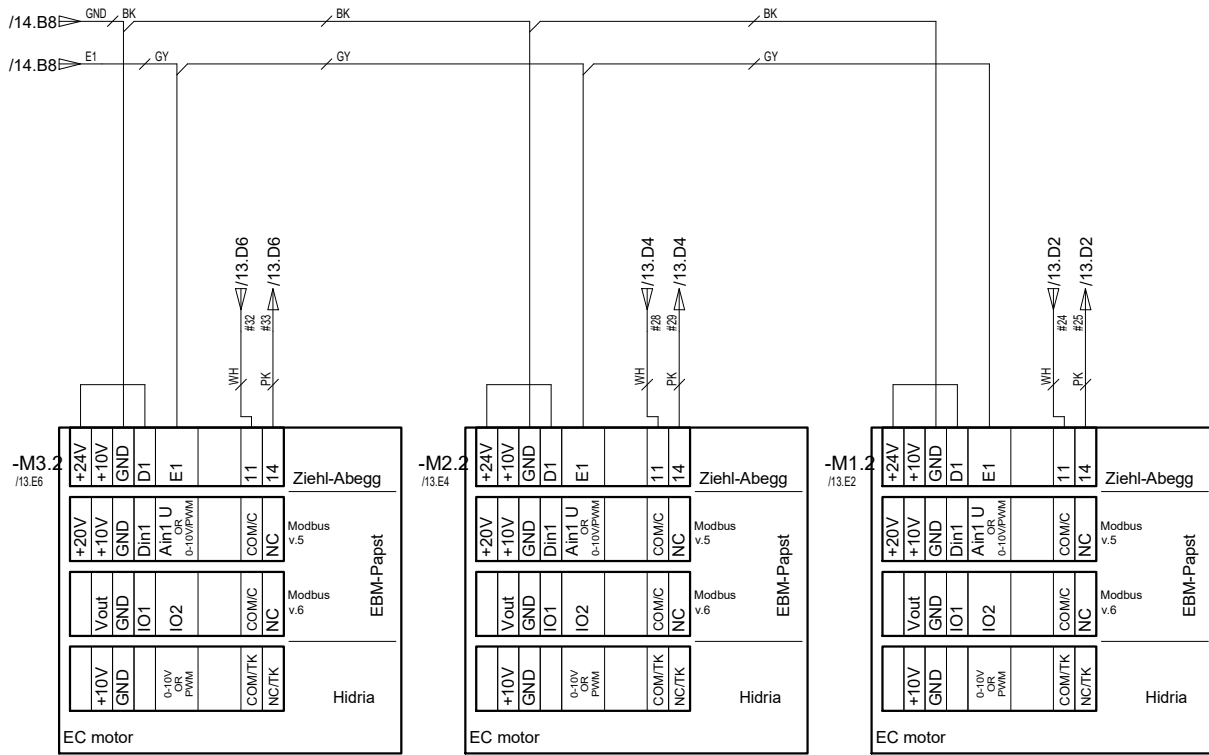
03	New brand	18/12/2019	PCIA	date	18/12/2019
02	Pressure transducer	08/05/2018	DRI	User	ITALPCIA
01	General review	22/06/2017	DRI	Proved	D. Rizzotti
Status	change	date	name		



EC MOTORS SIGNAL CONNECTION
1-phase motors

Document number: **9460167317-03**

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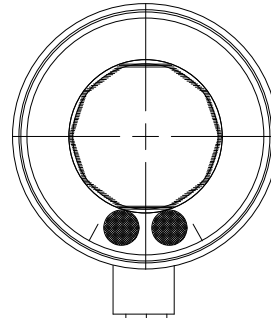
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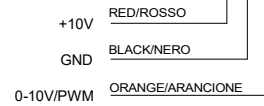
OPTIONAL PRESSURE TRANSDUCER

Type	CBG-30AV	CBG-50AV
Code	41003168	41003169
Scale Range	0-30 bar	0-50 bar
Setpoint Adjustment	6-21 bar	10-35 bar
Control range Adjustment	3-9 bar	5-15 bar

PRESSURE TRANSDUCER 0-10V
0-30/50 bar



signal box



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