

ALFABLUE JR - EC motors three phase

drawing number: 9460171243



alfa.luvegroup.com

BOARD RATED VALUE

VOLTAGE DC	---
VOLTAGE AC	400 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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













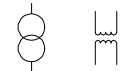






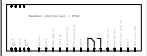










02	New brand	18/12/2019	PCIA	User	18/12/2019	ITALPCIA
01	Pressure transducer	08/05/2018	DRI	Proved	D. Rizzotti	
Status	change	date	name			



HEADING PAGE

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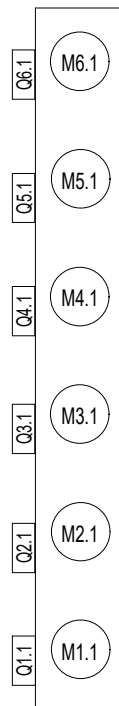
	ELECTRIC MOTOR		THERMAL PROTECTION CONTROL		RESISTOR		MANUALLY OPERATED SWITCH
	TERMINALS		CONVERTER		VARIABLE RESISTOR		MAINTENANCE SWITCH
	EARTHING		ELECTRONIC MOTOR		HEATER		OPEN CONTACT
	WIRES CONNECTION		CUT-PHASE SPEED CONTROLLER SINGLE PHASE		VOLTAGE TRANSFORMER		CLOSED CONTACT
	T-CONNECTION		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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01	Pressure transducer	08/05/2018	DRI	Proved	D. Rizzotti	
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SYMBOLS

LABELING ELECTRICAL COMPONENTS



↓
HEADER SIDE

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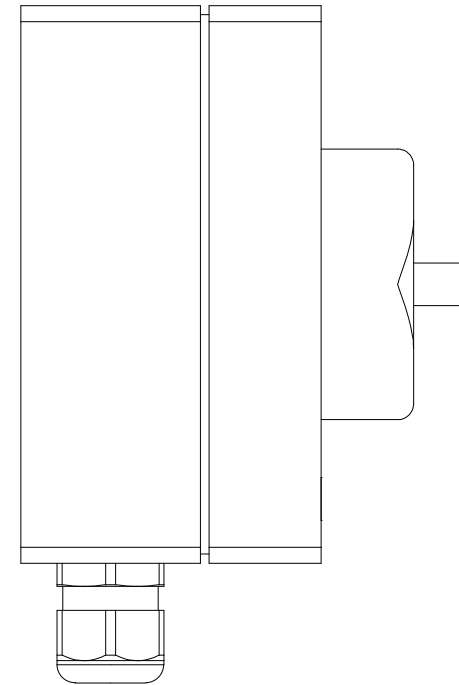
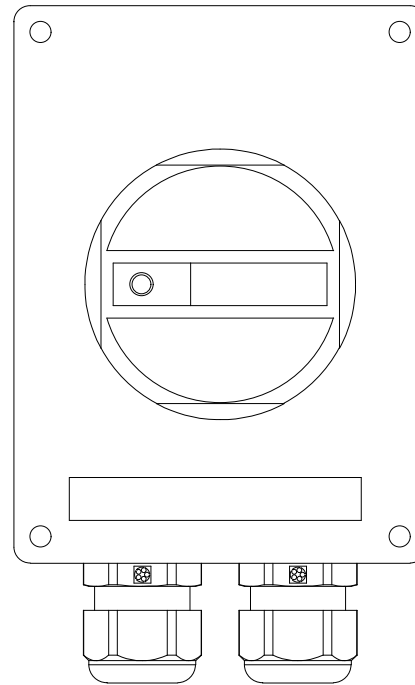
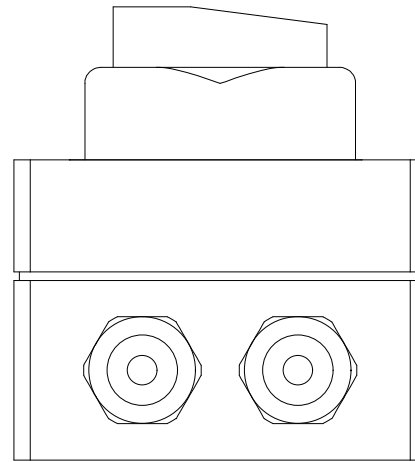


UNIT LAYOUT

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Q1.1 - Q6.1



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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01	Pressure transducer	08/05/2018	DRI	Proved	D. Rizzotti	
Status	change	date	name			

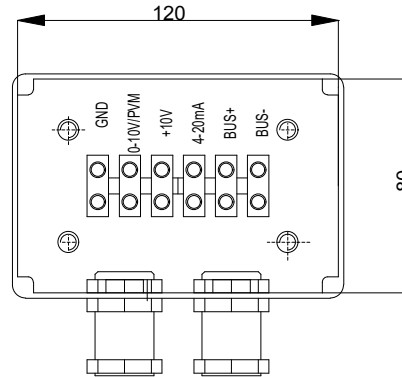


SWITCH LAYOUT

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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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01	Pressure transducer	08/05/2018	DRI	Proved	D. Rizzotti	
Status	change	date	name			

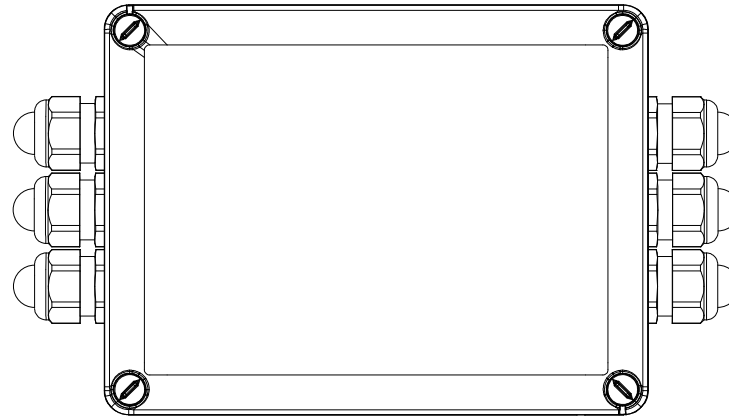
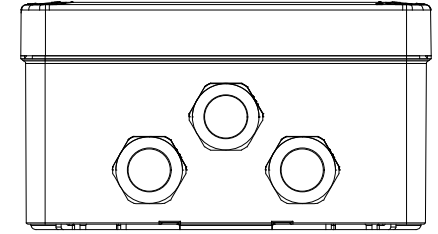
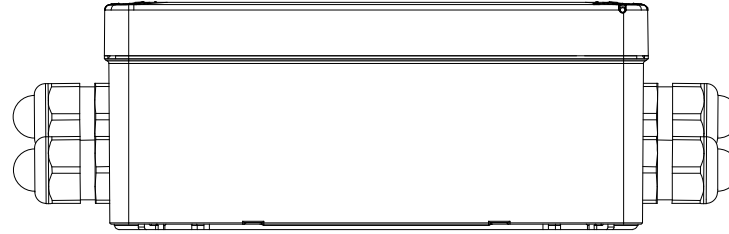
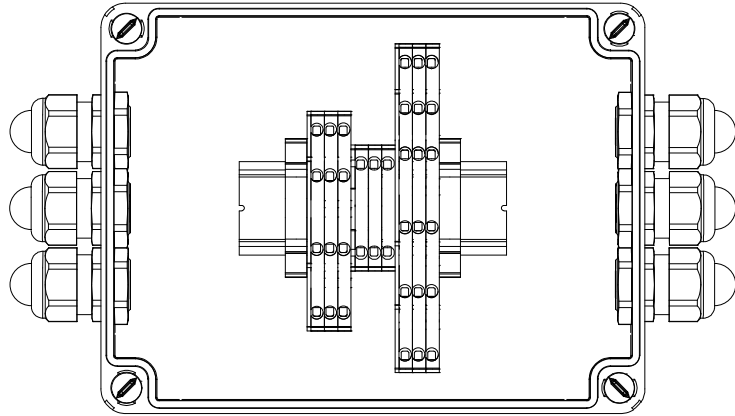


SIGNAL BOX LAYOUT

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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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01	Pressure transducer	08/05/2018	DRI	Proved	D. Rizzotti
Status	change	date	name		

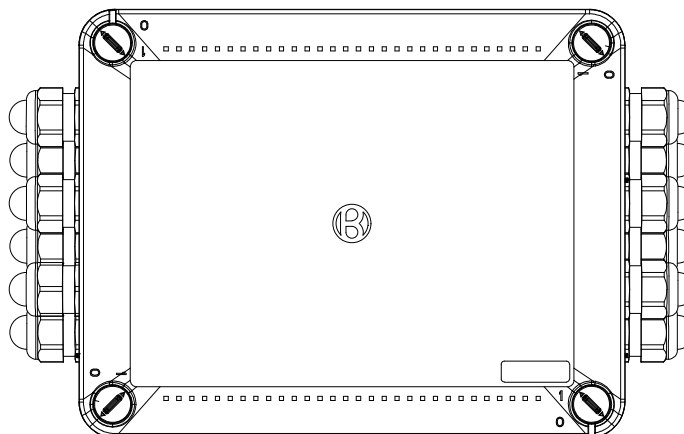
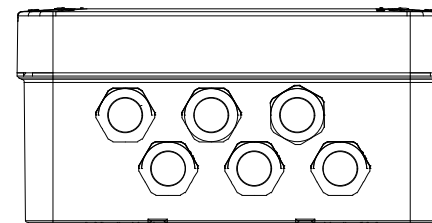
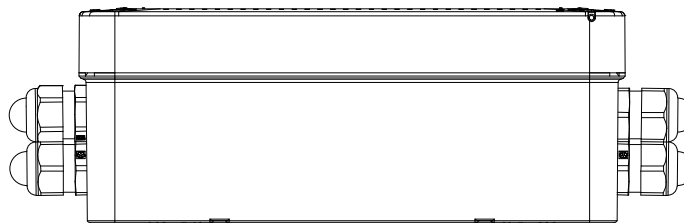
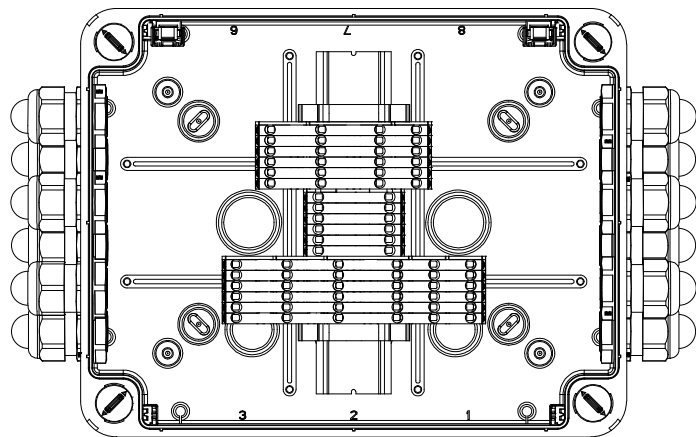


CONNECTION BOX LAYOUT
 3 FANS - 3 PHASE

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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

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



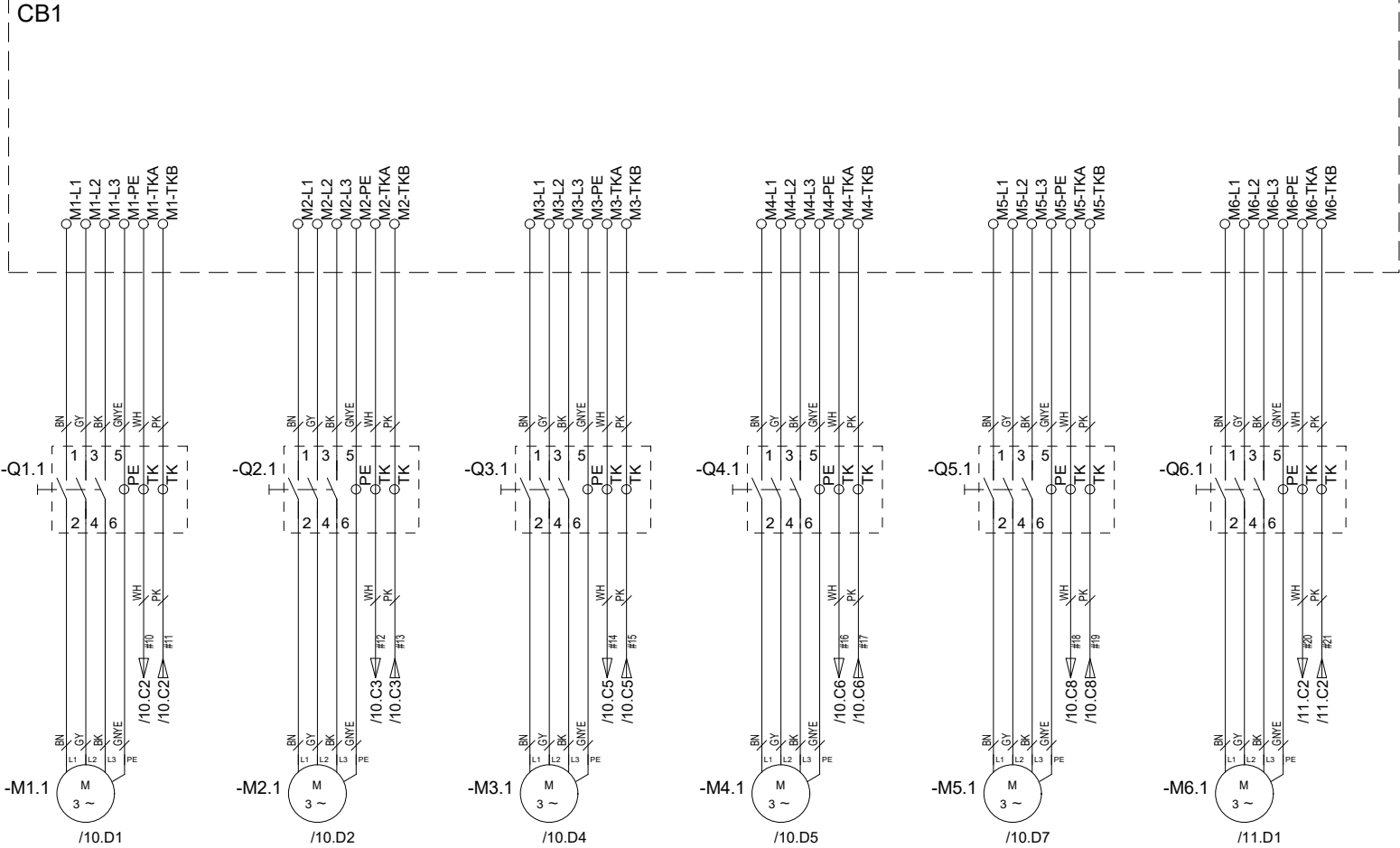
CONNECTION BOX LAYOUT
7 FANS - 3 PHASE

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EC MOTORS POWER CONNECTION

3-phase motors - single row



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

02	New brand	18/12/2019	PCIA	User	ITALPCIA
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Status	change	date	name		

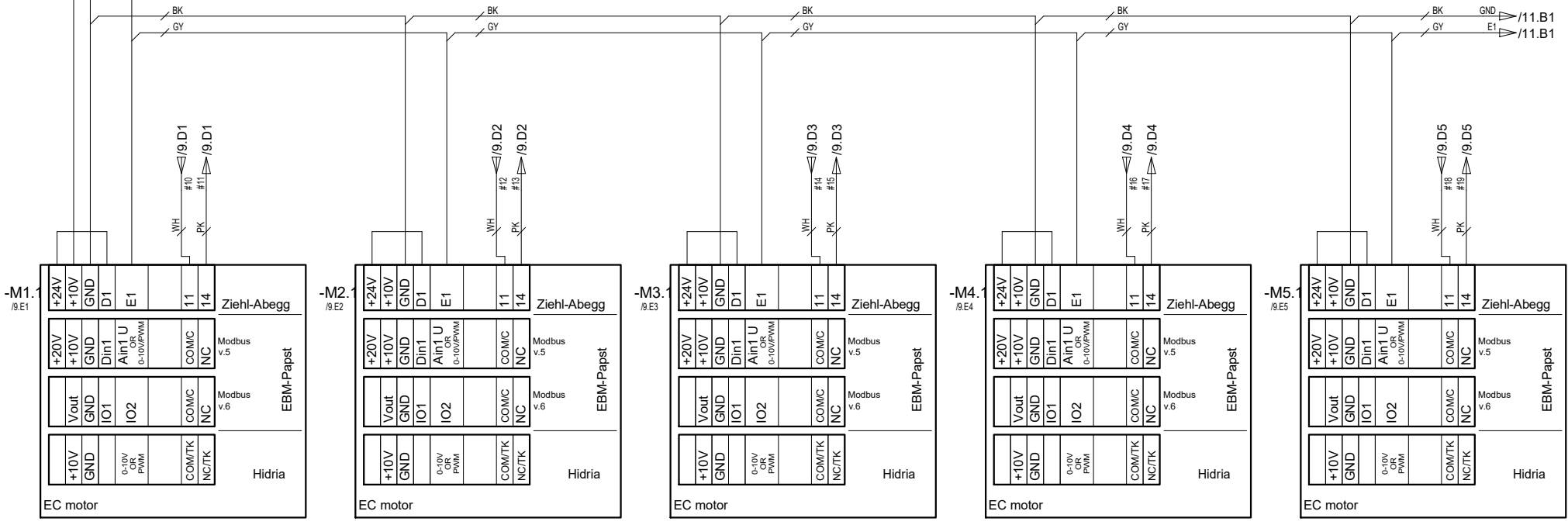
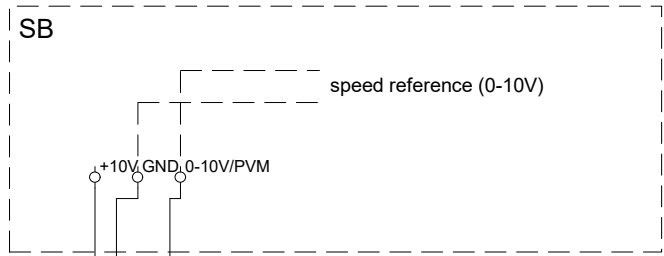


EC MOTORS POWER CONNECTION
3-phase motors

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

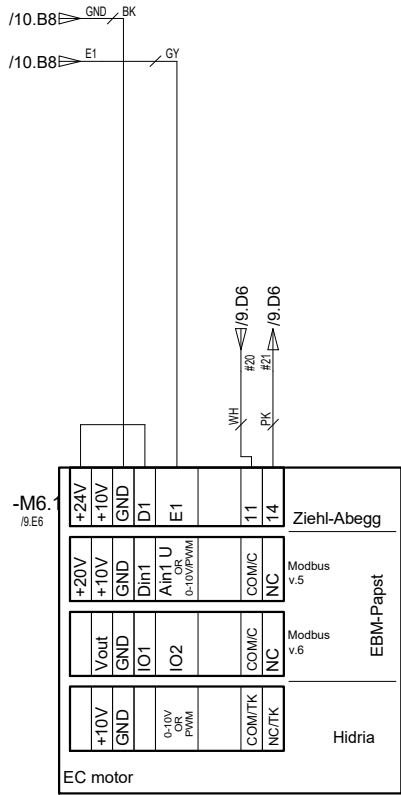
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EC MOTORS SIGNAL CONNECTION
3-phase motors

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

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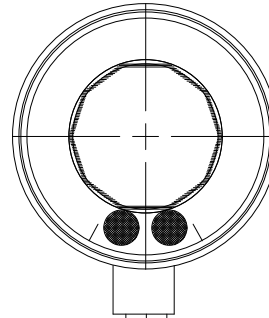
EC MOTORS SIGNAL CONNECTION
3-phase motors

Document number: **9460171243-02**

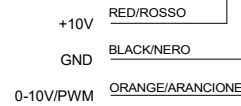
OPTIONAL PRESSURE TRANSDUCER

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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PRESSURE TRANSDUCER
OPTIONAL

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