

AC motors 3-phase connection

drawing number: 9460149484



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)	10 KA
IP DEGREE WITH CLOSED DOORS	IP54
IP DEGREE WITH OPENED DOORS	IP20

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03	New brand	18/12/2019	DPAA	date	18/12/2019
02	Motors terminals name	21/02/2019	DRI	User	ITALDPAA
01	General review	22/06/2017	DRI	Proved	PCIA
Status	change	date	name		















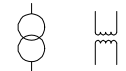






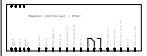












HEADING PAGE

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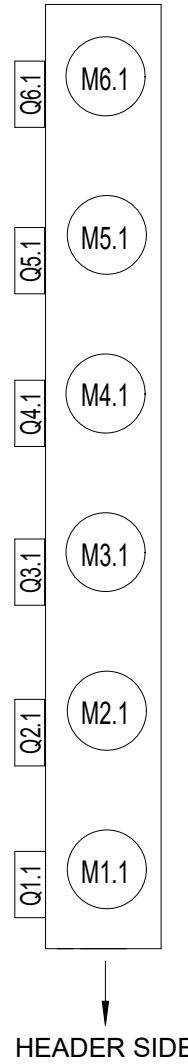
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	TERMINALS		CONVERTER		VARIABLE RESISTOR		MAINTENANCE SWITCH
	EARTHING		ELECTRONIC MOTOR		HEATER		OPEN CONTACT
	WIRES CONNECTION		CUT-PHASE SPEED CONTROLLER SINGLE PHASE		VOLTAGE TRANSFORMER		CLOSED CONTACT
	T-CONNECTION		CUT-PHASE SPEED CONTROLLER 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



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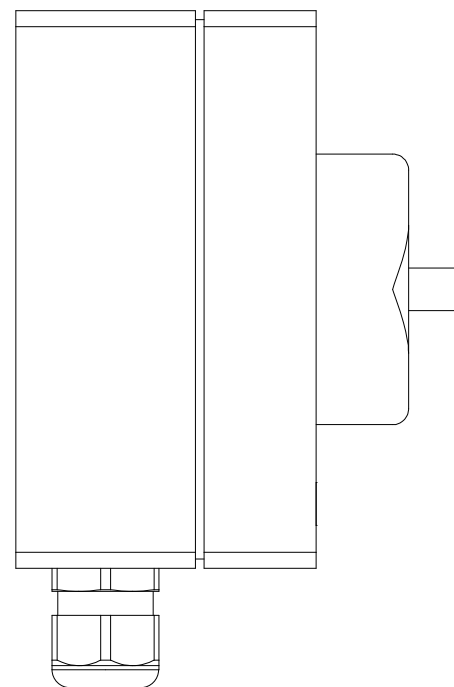
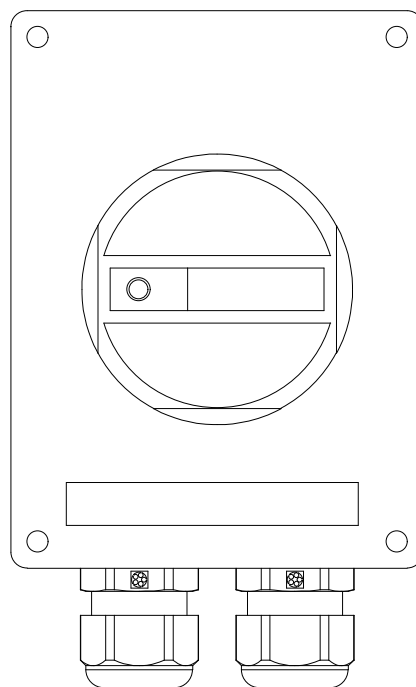
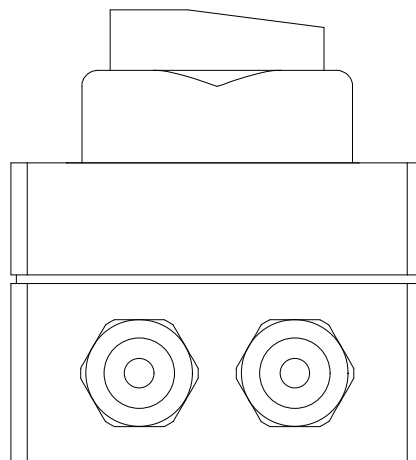
NOTE: switch for maintenance before motors are optional fans number according to unit datasheet

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UNIT LAYOUT

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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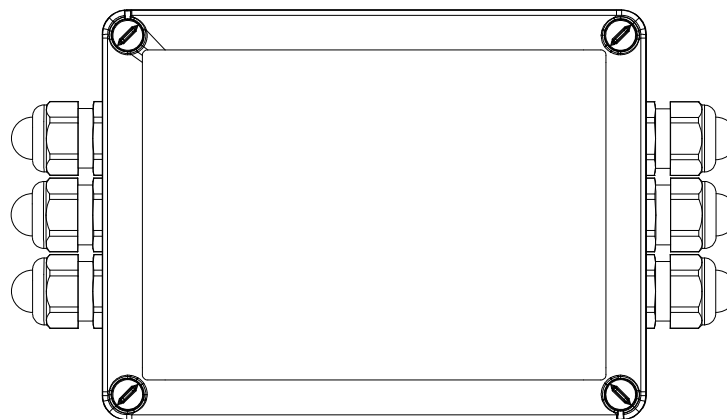
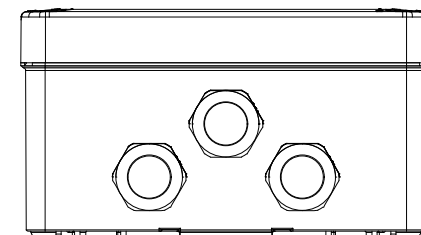
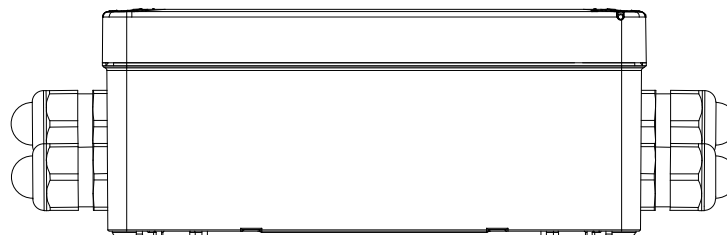
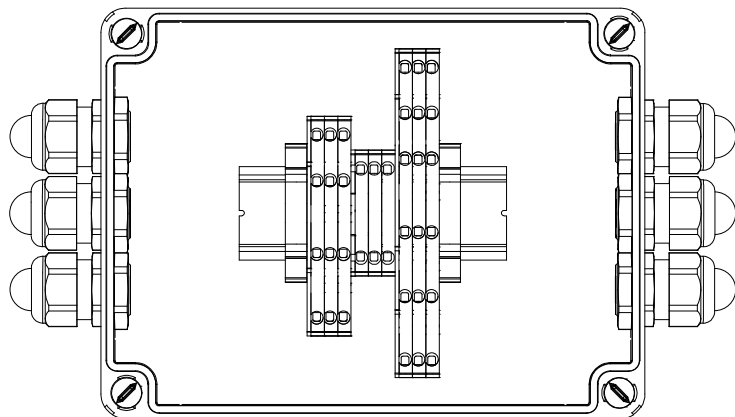


SWITCH LAYOUT

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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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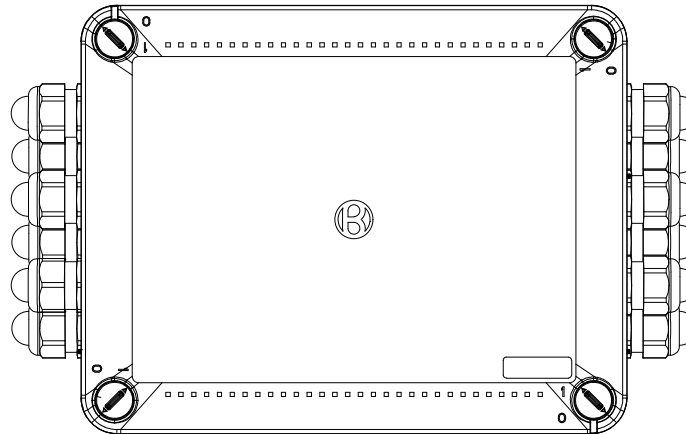
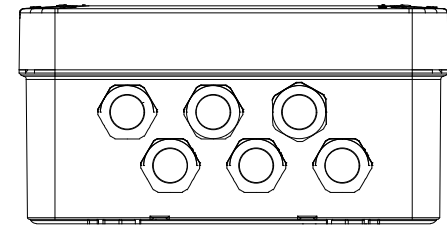
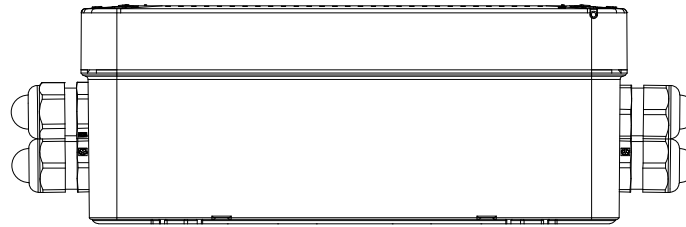
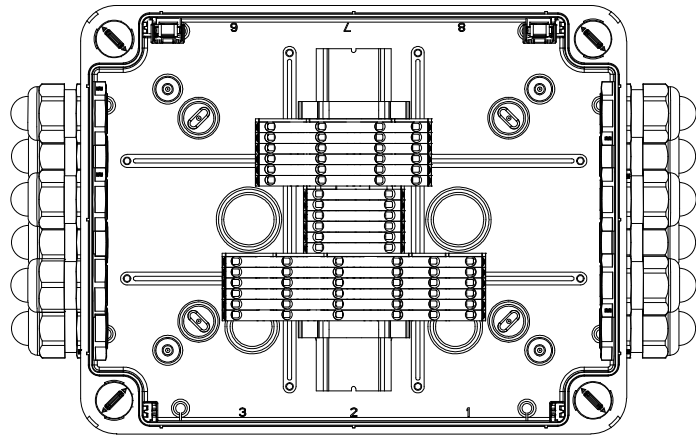


CONNECTION BOX LAYOUT
3 FANS - 3 PHASE

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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: 240x190x90 mm

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CONNECTION BOX LAYOUT
 6 FANS - 3 PHASE

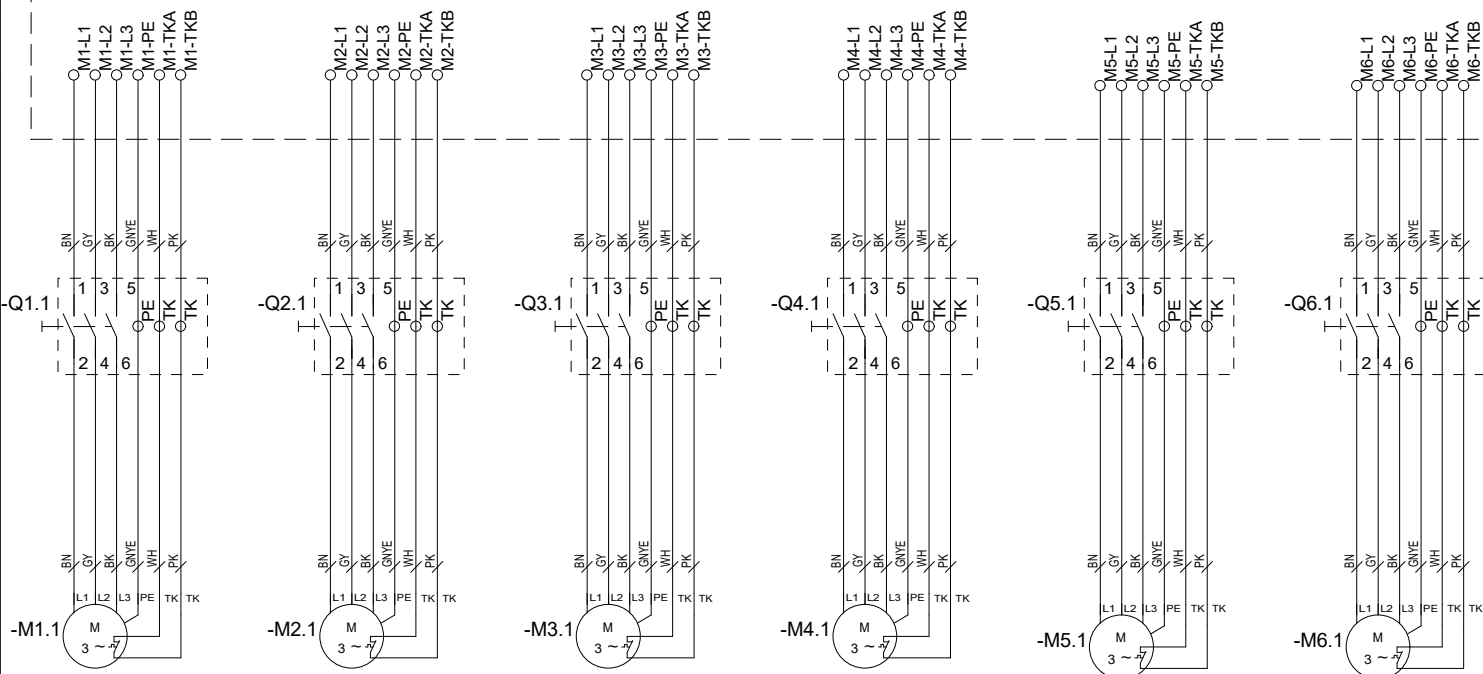
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AC MOTORS POWER CONNECTION

3-phase motors

CB1



NOTE: switch for maintenance before motors are optional
fans number according to unit datasheet
fan power connection is made according electrical scheme inside motor connection box

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AC MOTORS POWER CONNECTION
3-phase motors

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