

3. ELECTRIC REPAIRING OPERATIONS

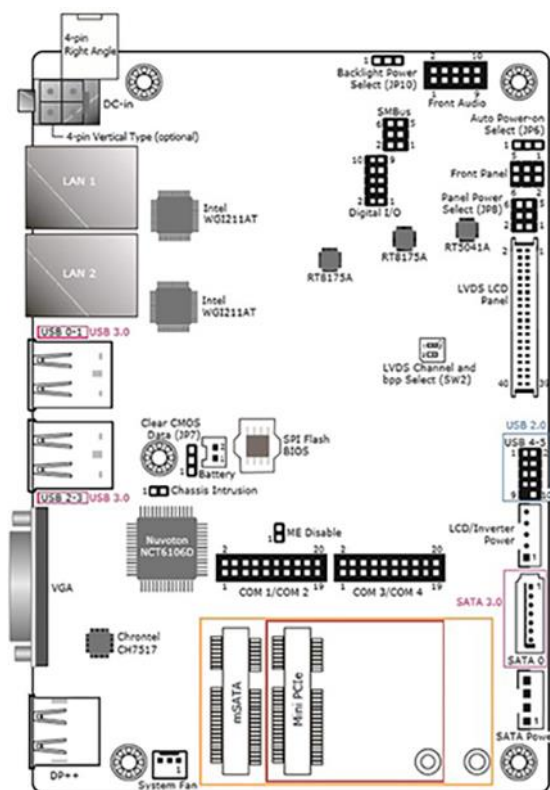
3.1. DIAGNOSIS AND ELECTRONIC PART DESCRIPTION

3.1.1. PC LINUX BOARD

The machine is provided with a Linux PC board on which the high-level machine software is memorised.

The Linux PC board receives the Ethernet connection from the LAN1 port and is internally connected to the MAB board via RS-232. The Linux board has RS-232 and USB ports necessary to connect some accessories like the scale.

The Linux PC board is powered with 12V.



3.1.2. MAIN AUTOMATION BOARD (MAB)

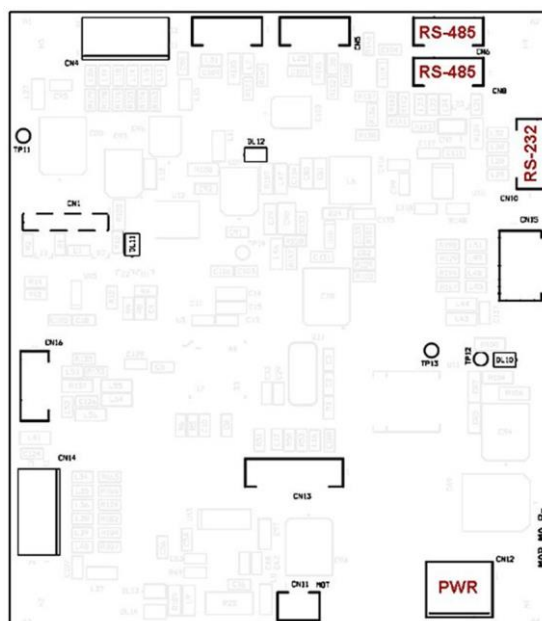
The machine management firmware MAB board is saved on the MAB board. The orders sent by the high-level software are managed at MAB level. This board organises the machine cycle by interrogating and sending orders via RS-485 to the slave boards of the single circuits.

The MAB board is supplied with 24Vdc.

The MAB board controls directly:

- the status lamp and the stop button
- hole beam locator lasers
- the can presence photocell

CN13 is used for programming the firmware via bootloader (see chapter 4 – PROGRAMMING THE ELECTRONIC BOARDS).



3.1.3. SCCB BOARD

Each circuit (colorants, bases, storages, Cartesian axes and autocap) is managed by a dedicated SCCB board addressed according to the machine configuration set in the software.

Each board is powered with 24 V (two separate lines for logics and power) and 48V, controls the digital sensor inputs and integrates the control drivers of two DC 24V peripheral units (DC motor stirring and/or electrovalves) and of one stepper motor.

The board generates the necessary on-board service voltage. To facilitate the diagnosis, each power supply features a status LED (on = power connected):

DL11 = 3.3V

DL12 = 5V

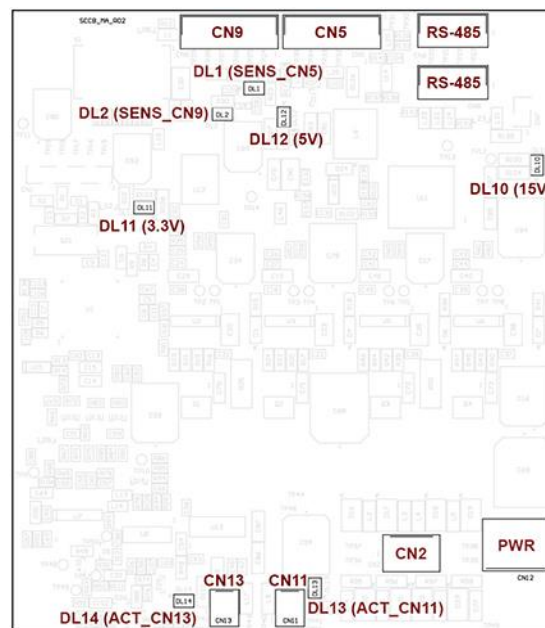
DL10 = 15V

In case one or more power supply LEDs is OFF, check the fuse relevant status (see para. 3.2).

Likewise, the DC MOT (CN13) and EV (CN11) outputs have a status LED that indicates when they are powered.

Following is a list of the controls of each SCCB board:

CN1 connector is always used for programming and updating the firmware via PICKit (see chapter 4 – PROGRAMMING THE ELECTRONIC BOARDS).



CIRCUIT	CN2	CN5	CN6	CN8	CN9	CN11	CN12	CN13
MASTER 1...4	STEPPER	HOME PHOT.	RS485	RS485	RESERVE	ELECTROVALVE	PWR	STIR MOT
COL 1...16	STEPPER	HOME PHOT.	RS485	RS485		ELECTROVALVE	PWR	STIR MOT
AUTOCAP	STEPPER	HOME PHOT.	RS485	RS485	HUM.LEV.SENS.	ATOMIZER BOARD	PWR	VACUUM PUMP

3.1.4. SPB BOARD

The SPB board is powered at 24Vdc and produces 12Vdc on board. These power supplies are also used to power the Linux board and any accessories.

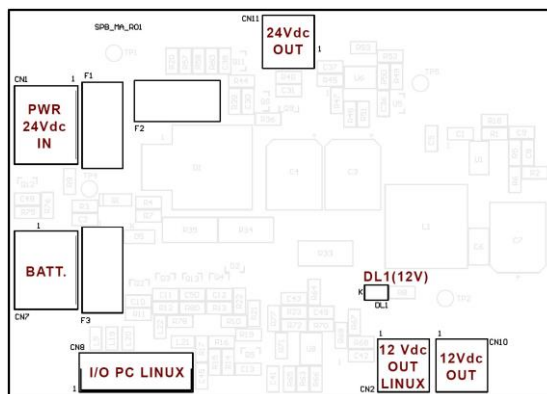
In case of machine switch-off or mains problems (blackout or voltage drop), the SPB board keeps the Linux board powered at 12V for the time required for operating system controlled shutdown.

A 16.8V - 1800mAh NI-MH battery is used to store the 12V power: it features a safety PTC inside and is connected to the board at CN7.

The board features two inner fuses:

- F2=0.5A on recharge branch (protection against a charging current higher than the maximum allowed by the battery);
- F3=2.5A on the battery (protection in case of excess power absorption).

DL1 LED indicates 12V power on.

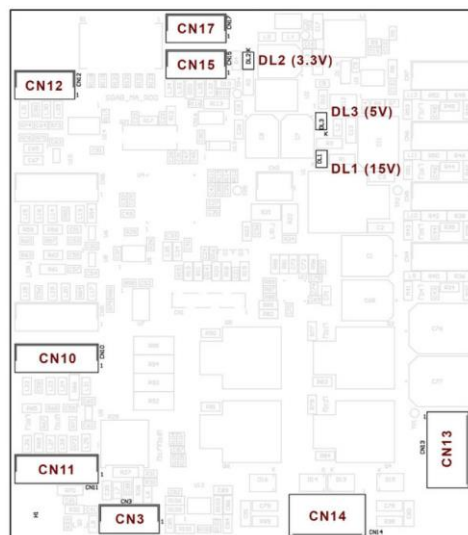


3.1.5. SGBRD BOARD

The SGB board is dedicated to the management of the automatic can lifter, actuators and relevant sensors.

LEDs DL1, DL2 and DL3 indicate the presence of 15V, 3.3V and 5V power supplies, respectively.

- CN3 = Photocell CAN ON LIFTER
- CN10 = Photocell LIFTER DOWN
- CN11 = Photocell LIFTERUP
- CN12 = Photocell ENCODER
- CN13 = BOARD BOX
- CN14 = CAN LIFTER MOTOR
- CN15 = BOARD BOX (RS-485)
- CN17 = BOARD BOX (RS-485)



3.1.6. HUTBRD BOARD

HUT board (HUmidity & Temperature) functions include:

- acquisition of ambient humidity and temperature (through external sensors);
- enable a heater (option) to set the temperature inside the machine;
- control the air pump and atomizer in order to optimise humidifier effectiveness.

The purpose of this control system is:

- 1) avoiding that the products inside the canisters and tanks can be used at unsuitable temperatures (below 10°C);
- 2) the humidifier maintains a suitable degree of humidity at the nozzles, avoiding any condensate.

LEDs DL1 and DL2 indicate the presence of 5V and 3.3V power supplies, respectively.

CN1 = Humidifier tank level sensor

CN3-CN4 = RS485

CN7 = Autocap temperature and humidity sensor

CN8 = LED (humidifier tank lighting)

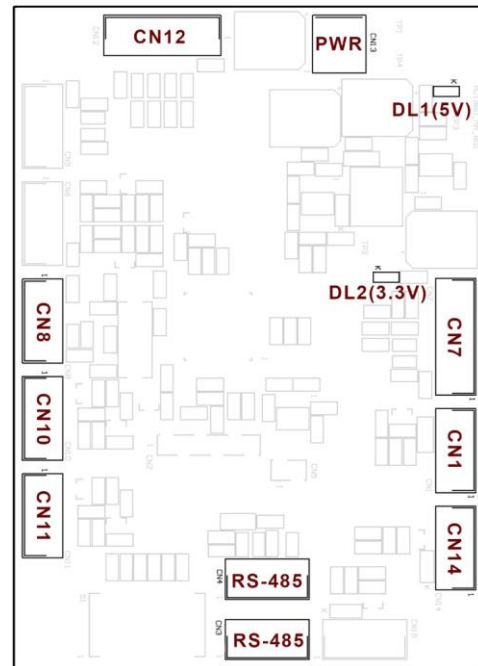
CN12 = Mobile internal temperature sensor

CN10 = Atomizer

CN11 = Air pump

CN13 = PWR

CN14 = Heater Relay 1



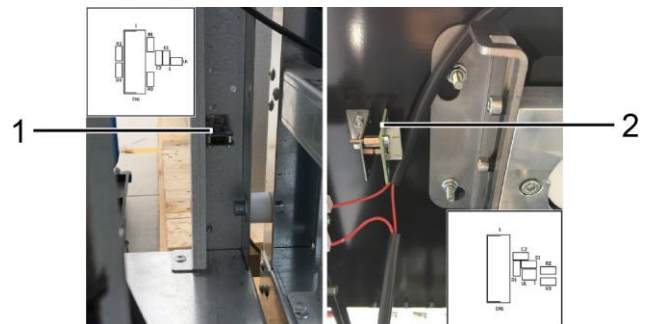
3.1.7. HUTTS and HUTSN BOARDS

The HUT_TS board (1) is the board supporting the temperature sensor TC72 used to monitor the temperature of the products (colorants and bases).

The board is located inside the cabinet, fastened to one of the rear uprights of machine frame and is connected to connector CN12 of HUTBRD board.

The HUT_SN board (2) is the board supporting the temperature and humidity sensor SHT30 used to monitor the temperature and humidity in the autocap area.

It is housed inside the head, next to the autocap and is connected to HUTBRD board on connector CN7.



3.2. CHECKING AND REPLACING THE NETWORK FUSES

In case of mains malfunction or problems, the safety fuses could blow and cut power.

Fuses are located in the fuse holder built in the plug with switch on the back panel.

To replace the interrupted fuse open fuse holder using a flat screwdriver to prise it open.

Remove the fuse and its holder and install a new fuse.



USE ONLY FUSES OF THE SAME TYPE AND THE NOMINAL RATING SHOWN IN THE PRODUCT LABEL.

Fuse requirements:

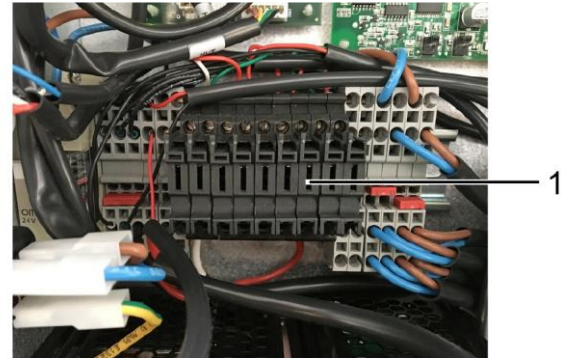
EU - IEC 60127 Approval

US - UL248-1 and UL248-14 Approval

3.3. REPLACING THE SECONDARY CIRCUIT FUSES (INTERNAL TERMINAL BOARDS)

In case of malfunction or faults, the safety fuses could interrupt the output power supply of the terminal boards. The fuses are located on the terminal boards located inside the rear electric compartment (see chapter 2 - ACCESS TO THE ELECTRIC PARTS).

- In order to replace the fuses, proceed as follows:
- Remove the rear panel as described in chapter 2 - EXTERNAL COVER REMOVAL to reach the fuse carrier terminal boards (1).



- Find the circuit of the interrupted power supply line and take a fuse with a correct rating according to the diagram to the side.
- Lift the fuse holder until it is possible to manually remove the damaged fuse.
- Insert the new fuse in the fuse holder.
- Close the fuse holder by slightly pressing on it.
- Reposition and fix the machine rear panel using the previously removed screws.

WARNING: use only fuse of the same type and with the same nominal rating specified by the manufacturer.

5x20mm F6,3A 250Vac	5x20mm F6,3A 250Vac	5x20mm F6,3A 250Vac	5x20mm F6,3A 250Vac	5x20mm F4A 250Vac	5x20mm F4A 250Vac	5x20mm F500mA 250Vac	5x20mm F500mA 250Vac	5x20mm F4A 250Vac	5x20mm F1A 250Vac
PF1	PF2	PF3	PF4	PF5	PF6	PF7	PF8	PF9	PF10
5	6	7	8	9	10	11	12	13	14
+48V OPTIONAL CONN.	+48V STANDARD CONN.	+24V OPTIONAL CONN.	+24V STANDARD CONN.	+24V HUTBRD	+24V SPB	+24V AUTOCAP	+24V MAB	+24V LIFTER	100-240VAC AUX

3.4. REPLACING THE POWER SUPPLY UNITS

In case of an electric fault in one or more power supply units of the machine, proceed as follows to replace them:

- To reach the power supply unit compartment, remove the rear panel as described in chapter 2 - EXTERNAL COVER REMOVAL.
- Disconnect the wiring between the power supply unit to be replaced and the rest of the machine.
- Remove the power supply unit by fitting a small flat screwdriver in the suitable retaining tab and remove the unit from the DIN bar.



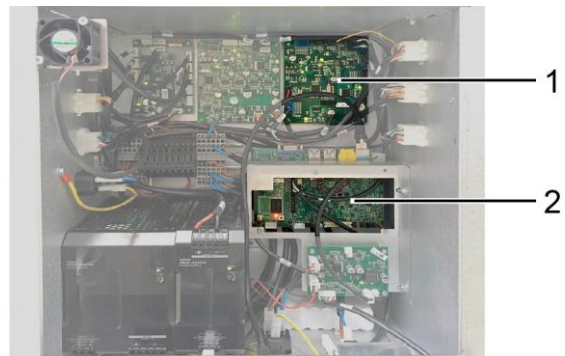
- Fit the new power supply unit manually on the DIN bar.
- Reconnect the power supply unit to the wiring according to the attached wiring diagram.
- Reposition the previously removed protection panel.

WARNING: use only genuine spare parts supplied by the manufacturer.

3.5. REPLACING THE LINUX/MAB BOARD

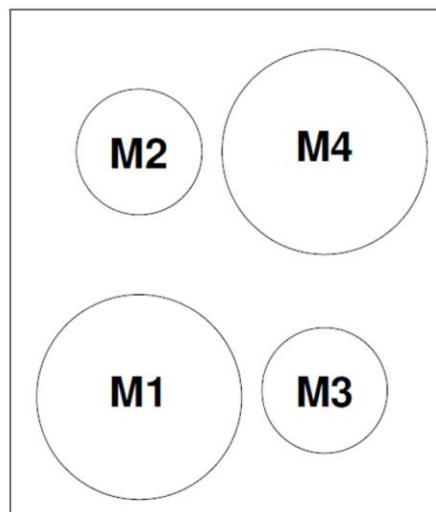
To replace the Linux PC or MAB boards, proceed as follows:

- Remove the rear power supply panel as described in chapter 2 - EXTERNAL COVER REMOVAL.
- Disconnect the power supply and signal cables from the board to be replaced.
- Removed the MAB (1) or Linux PC (2) board to be replaced from the supports on its corners (pressure-fit plastic supports for the MAB board and M3 retaining screws to the Linux board).
- Insert a new board on the supports having care not to damage its components.
- **WARNING:** Use an already programmed board or the suitable programmer to install the correct software/firmware. To reprogramme the boards refer to chapter 4.
- Restore the electric connections.

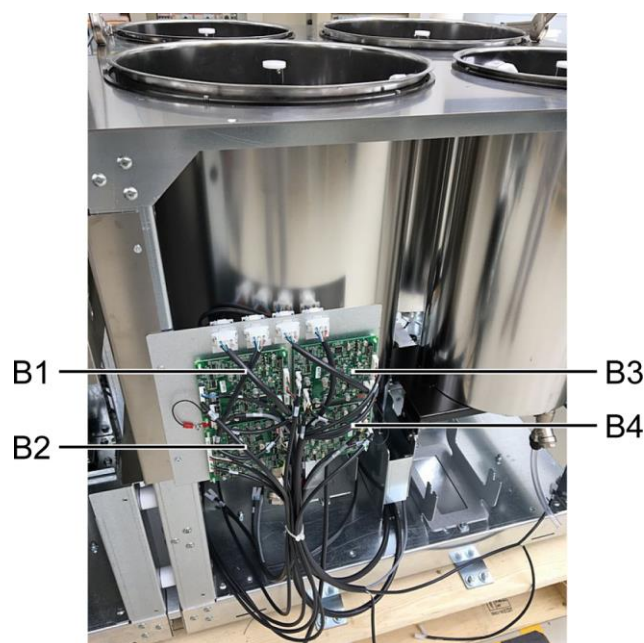


3.6. REPLACING THE SCCB BOARD BASE CIRCUIT

- To reach the SCCB boards of the master circuits (if any), remove the front panels as described in chapter 2 - EXTERNAL COVER REMOVAL, then proceed as described below.



- Identify the location of the board controlling the affected group (labels B1..B4 are placed next to every connector).
- Disconnect the power supply and signal cables from the board.
- Remove the board by releasing it from the supports on its corners.
- Insert a new board on the supports having care not to damage its components.
- WARNING:** Use a board already programmed with the function of the replaced board. To reprogramme the boards refer to chapter 4.
- Restore the previously disconnected connections according to the wiring diagram.



3.7. CAN LIFTER BOARD REPLACEMENT

Automatic can lifter group control board (SGBRD) is fastened to the rear side of the lifting column, at the bottom.

To change the board, remove the rear panel as described in chapter 2 - ACCESS TO THE ELECTRIC PARTS, then:

- Disconnect the power supply and signal cables from the board.
- Remove the board by releasing it from the supports on its corners.

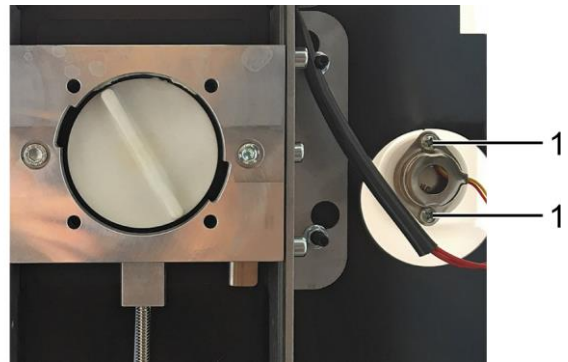


3.8. REPLACEMENT OF HUMIDIFIER PARTS (ULTRASONIC ATOMIZER KIT)

3.8.1. ATOMIZER

The humidifier uses an ultrasonic atomizer to spray the water from the tank. To change the transducer:

- Remove the mobile anti-crushing safety protection located under the dispensing head by loosening the 4 M4x10 retaining countersunk head screws, as described in para. 2.7;
- Disconnect the wiring connector;
- Loosen the two cross-slotted screws (1) and remove the transducer.



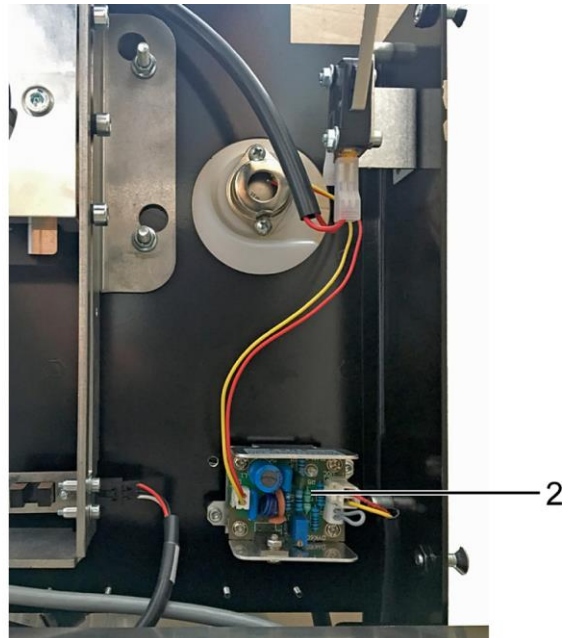
WARNING: THERE MUST BE WATER IN THE TANK WHEN YOU TURN THE ATOMIZER ON.

3.8.2. ATOMIZER CONTROL BOARD

The atomizer is controlled by a board located inside the electric box.

To change the board, remove the rear panel to reach the switchboard, as described in chapter 2 - ACCESS TO THE ELECTRIC PARTS, then:

- Disconnect the connectors from the board;
- Loosen the two M3x10 retaining screws with an Allen wrench of 2.5 mm to remove the board (2).



3.8.3. AIR PUMP

The air pump (3) is located near the humidifier tank. The pipes are interference-fit.

Disconnect the pipes and the electrical connector to disconnect the pump.



3.9. LTE ROUTER SETTINGS

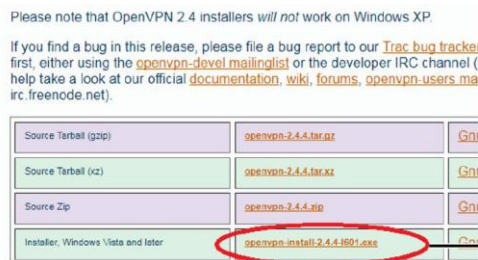
When a hard-wired ethernet network is not available, it is still possible to obtain a remote connection to the machine via an LTE Router.

A VPN client - duly installed and set up - is necessary to connect to the machine.

3.9.1. CONNECTION VIA VPN CLIENT ON WINDOWS 7 AND 10

To install the VPN Client, proceed as described below:

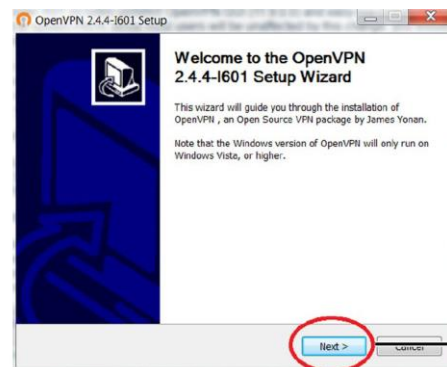
- Open an internet browser at <https://openvpn.net/index.php/open-source/downloads.html>
- Click “openvpn-install-2.4.4-I601.exe” (1) and download the file.



NOTE: the GPG key used to sign the release files has been changed since OpenVPN 2.3.13. The new GPG public key and signatures, as well as the new GPG public key are available [here](#).

We also provide static URLs pointing to latest releases to ease automation. For more information, see the [FAQ](#).

- Open the downloaded file, then press “Next” (2) on the following screen page.

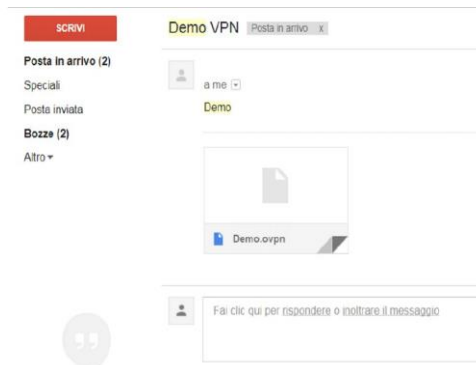


- Check the boxes indicated in the figure on the side, then press “Next”.

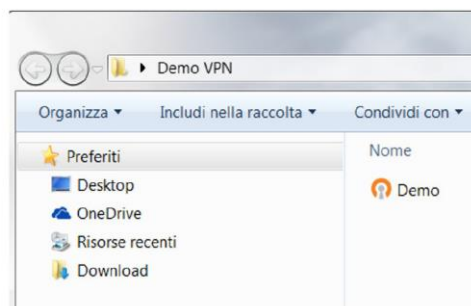


To connect to the machine via the VPN Client, proceed as described below:

- Download the file containing the login credentials sent by Alfa via email.



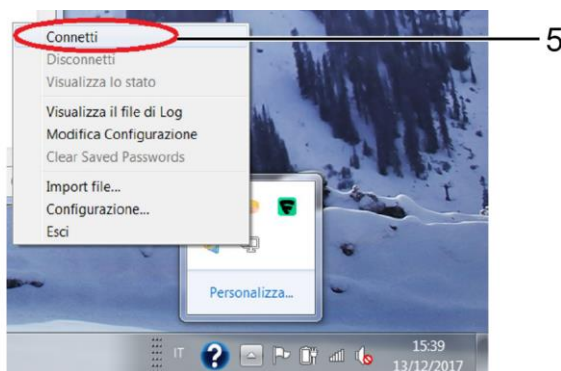
- Save the file containing the credentials in C:/programs/OpenVPN/Config
- Make sure you save it as an “.opvn” file.



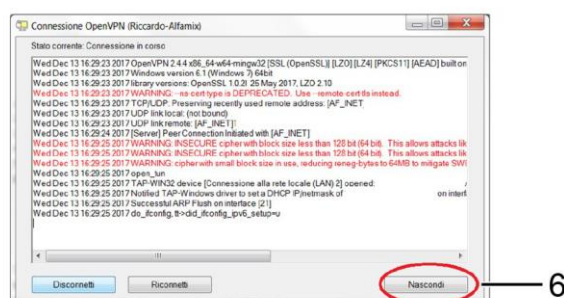
- On Windows Toolbar, click the arrow icon “show hidden icons” (3) then find the icon “OpenVPN” (4) in the pop-up.



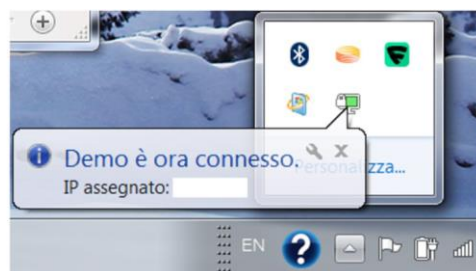
- Right click on the icon and select “Connect” (5);



- Press “Hide” (6) to close the following page;

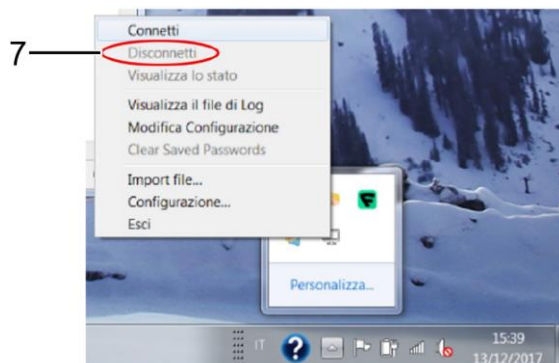


- After a few seconds a new pop-up will open on the toolbar, near the clock indicating that the PC is connected. This window could close automatically, while the OpenVPN icon will become green.



- To connect to the machine, open your internet browser.
- In the address bar, enter the IP address of the machine you wish to establish connection with, usually indicated on the LTE router.
- Enter the login credentials given by Alfa.

To disconnect from the machine, right click on OpenVPN icon and select “Disconnect” (7).



3.9.2. CONNECTION VIA VPN CLIENT FROM ANDROID DEVICES

To install the VPN Client, proceed as described below:

- From the Home screen of your device, open Play Store.
- In the search bar, type “openvpn for android”.
- Click the green button (1) to install the application.

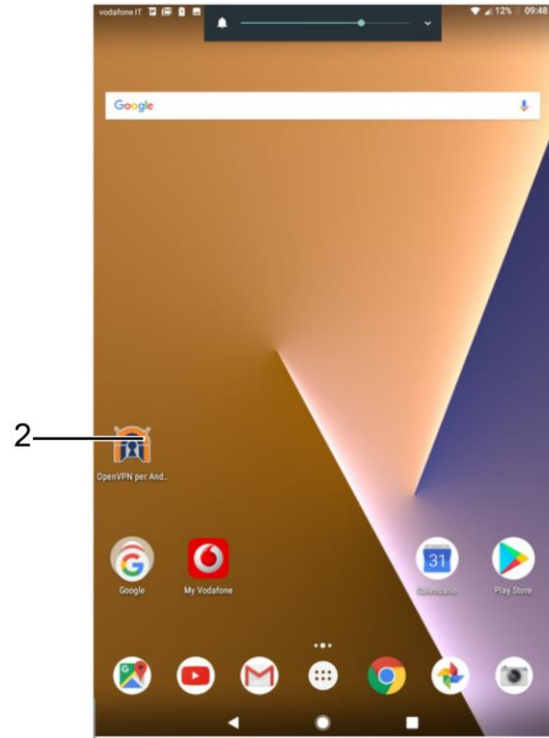


To connect to the machine via the VPN Client, proceed as described below:

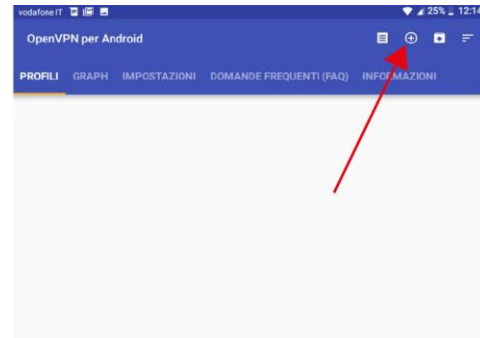
- Download the file containing the login credentials sent by Alfa via email.



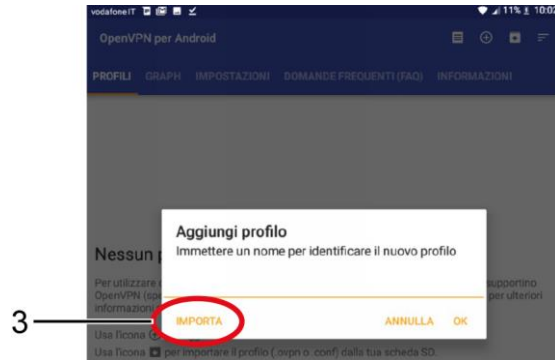
- Run the app OpenVPN (2) previously installed.



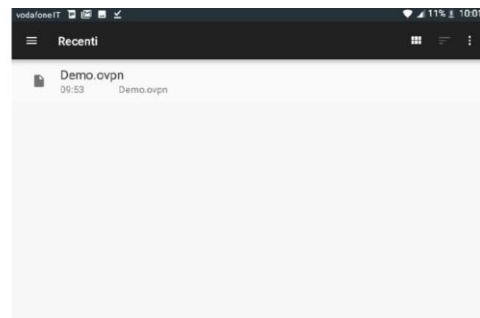
- Press symbol “+” present on the bar at top right of the app screen.



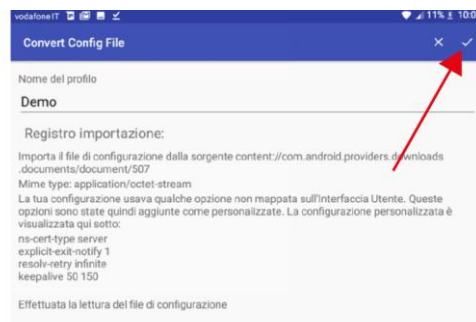
- Press “Import” (3).



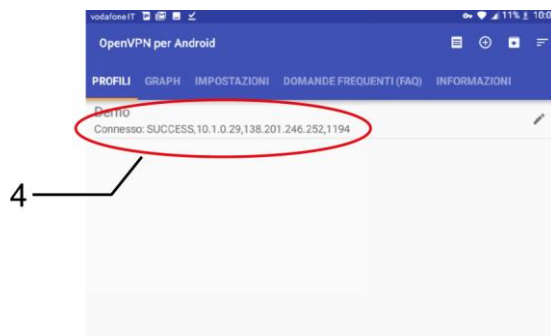
- Select the “.ovpn” file previously downloaded;



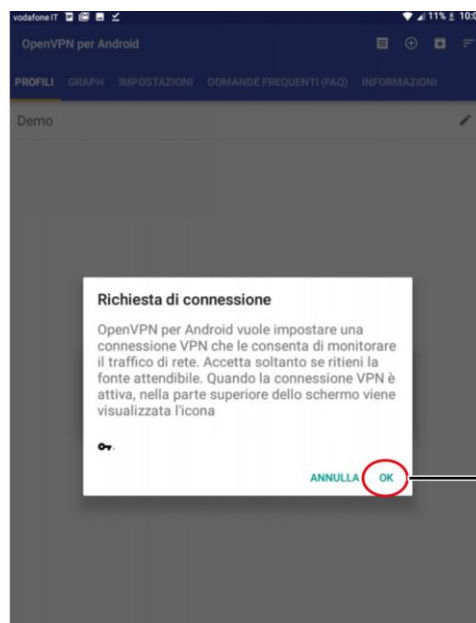
- Press on the check mark in the top right corner;



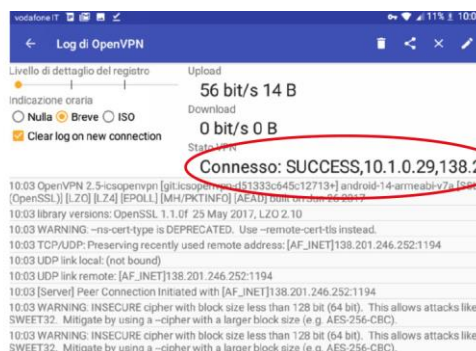
- Press on the just-added file (4).



- Press OK (5) on the next window.



- Now the VPN status must be “Connected” (6).

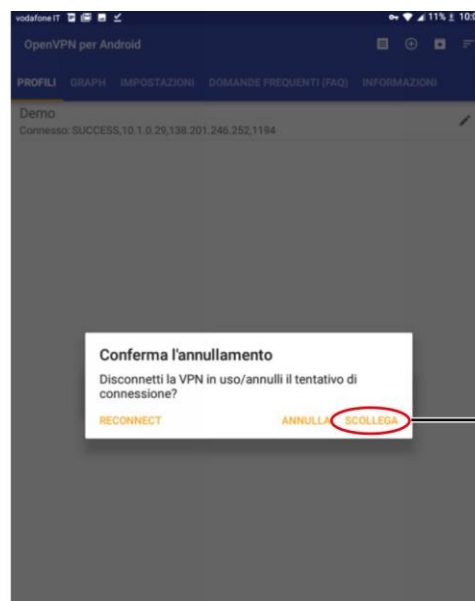


Technical Manual – Desk

- To connect to the machine, open your internet browser.
- In the address bar, enter the IP address of the machine you wish to establish connection with, usually indicated on the LTE router.

Enter the login credentials given by Alfa.

- To disconnect from the machine, open the app OpenVPN, then select the “Profiles” menu and press “Disconnect” (7).



4. PROGRAMMING THE ELECTRONIC BOARDS

Depending on board version, programming can be carried out in either of two different methods:

- Boards with no bootloader (programming via PICKit): see paragraph 4.1
- Board with bootloader: see paragraph 4.2.

4.1. PROGRAMMING OF BOARDS WITH NO BOOTLOADER

4.1.1. PROGRAMMING DEVICES

Each SCCB board must have the dedicated firmware. For the SCCB boards, the firmware depends on the group to control.

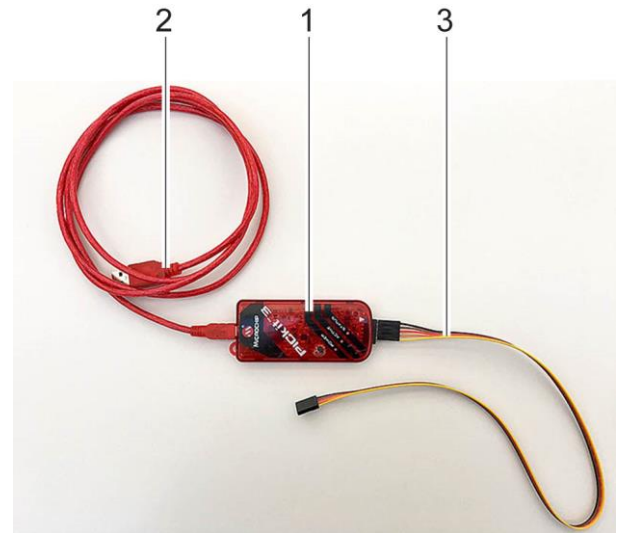
To programme the boards, use a suitable USB programmer (1) and the MPLAB IDE programming software.

If you do not have the suitable programmer, contact the Alfa technical service.

The programmer uses a USB cable (2) for the connection to the PC.

It could be useful to use an extension (3) to connect the programmer to the boards positioned in points that are hard to reach.

NOTE: The boards can be programmed both on the machine and on the bench. To programme the boards they must be powered by means of CN12 connector. If you use the previously programmed boards for other functions it is recommendable to disconnect the RS-485 serial connectors before powering the machine.





4.1.2. INSTALLING THE MPLAB IDE SOFTWARE

The MPLAB IDE programming software can be downloaded from the reserved area of the website www.alfadispenser.com or from the download area of the website <http://www.microchip.com>. The software can be installed on a Windows, Linux or Mac PC.

4.1.3. PROGRAMMING WORKSPACE

To write the firmware it is necessary have a programming workspace to upload in the MPLAB IDE software as better described below.

The programming workspaces are different for the SCCB (4) boards and the MAB (5) board.

	Actuators_release_PICKIT3.mcw	4
	MABrd_Release_PcKit3.mcw	5

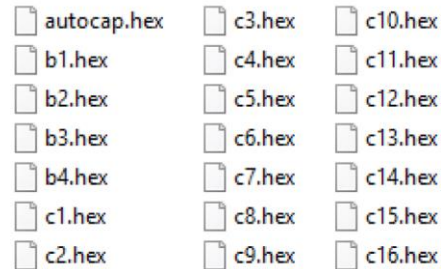
4.1.4. PROGRAMMING THE SCCBB, SGBRD AND MAB BOARDS

Download the workspace and the last available firmware version from the Alfa website reserved area, or contact the Alfa technical service to receive the firmware. If you do not have the credentials to access the reserved area, contact the Alfa technical service.

SCCB: according to the group to which the board must be connected, the following firmware is available:

- 24 firmware versions (from c1 to c24) that can be used on the colorant groups of the machine*;
- 8 firmware versions (from b1 to b8) that can be used on base groups or semi-finished products of the machine*;
- Autocap group firmware;

*: see the circuits enabled in the “Slave configuration” of the “Device-Machine” menu of the Admin interface. For further information consult the Software manual



MAB and SGBRD:

- MAB Desk board firmware
- SGBRD board firmware

WARNING: CAREFULLY READ THE RELEASE NOTE TO CHECK THE FIRMWARE VERSION COMPATIBILITY

Connect the USB programmer, if necessary use an extension, to CN1 connector of the board to be programmed.

WARNING: Check that pin 1 of the programmer (4) is connected to pin 1 of CN1 connector (5)!

Power the board by connecting the CN12 connector (6) to the machine.

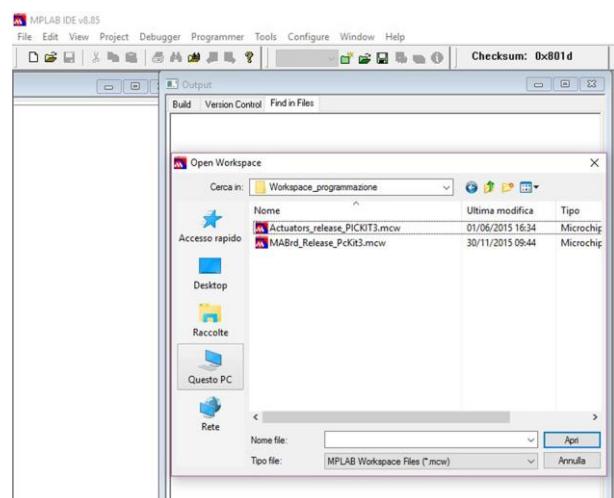
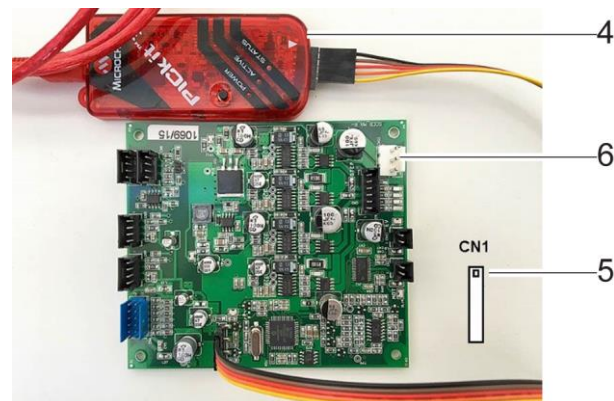
WARNING: do not connect the CN6 and CN8 connectors of the RS-485 communication to avoid problems linked with possible address conflicts.

Launch the MPLAB IDE software

Access to “File – Open workspace...” and select the workspace of the board to programme (MAB or SCCB), then select Open. For the SGBRD board, use SCCB workspace.

WARNING: if you have connected a MAB board, upload the “MABrd” workspace, whereas if you have connected an SCCB board, upload the “Actuators” workspace (see para. 4.3).

If message “No PICKit 3 Connected” is displayed, it means that the programmer is not connected correctly.



When the programmer is correctly connected and detected, the software will show the message “PICkit 3 detected”.

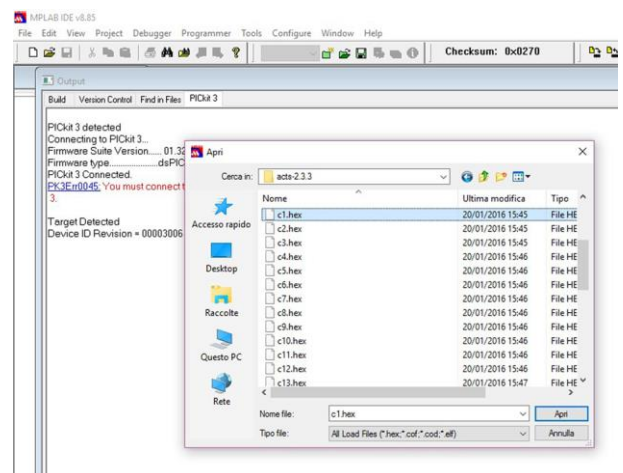
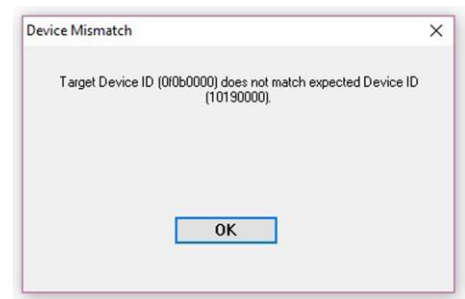
When connecting the board to the programmer and powering it, the software shows the message “Target Detected”.
besides the DEVICE ID of the connected board.

WARNING: If you upload a MAB Workspace and connect an SCCB board (or vice versa), the software will show the error “Target device ID does not match expected Device ID”.

When everything is ready, programme the board in “File – Import...” and select the suitable firmware version.

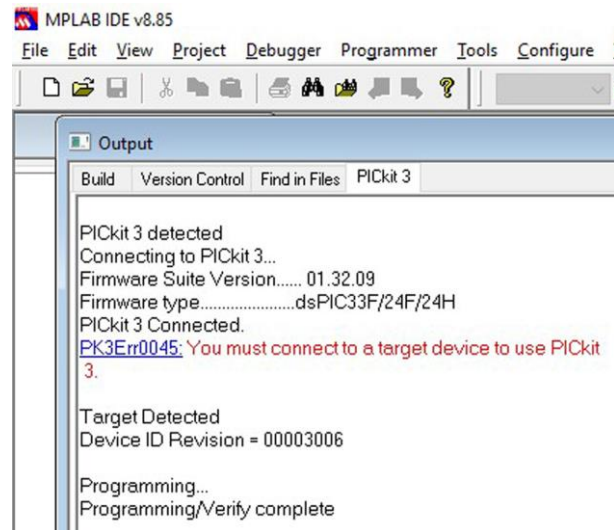
Select the suitable firmware version and select “Open”.

If the operation is completed successfully, the display will show the message “Loaded....”



Select “Program” in the “Programmer” menu to start the board programming.

At the end of the operation, the display will show the message “Programming/Verify complete”.



Now it is possible to disconnect the power supply and the programmer.

The board is ready to be used on the machine.

WARNING: Before programming a new board, make sure the loaded Workspace is the correct one. If this is not the case, go back to the “File – Open workspace...” menu and upload the new workspace.

4.2. PROGRAMMING OF BOARDS WITH BOOTLOADER

4.2.1. SOFTWARE “BOOTLOADERAPP”

The most recent boards are preloaded with BOOT firmware for the management of the BootLoader, i.e. the application that allows the updating of the machine control firmware.

NOTE: To program a board that does not feature preloaded BOOT, please contact Alfa technical service.

To program a hard-wired board via BootLoaderAPP, it is necessary to follow this procedure:


1. Shut off the machine;
2. connect the special cable Alfa USB BOOT LOADER (code 305001893) across CN13 connector of the MAB board and a USB port of the PC/LAPTOP on which the application BootloaderAPP.exe is installed;
3. run BootloaderAPP;
4. switch the machine on.

TO USE A MACHINE IN BOOT MODE, YOU MUST FIRST CONNECT THE USB CABLE FROM MAB TO PC / LAPTOP AND THEN SWITCH MACHINE ON.

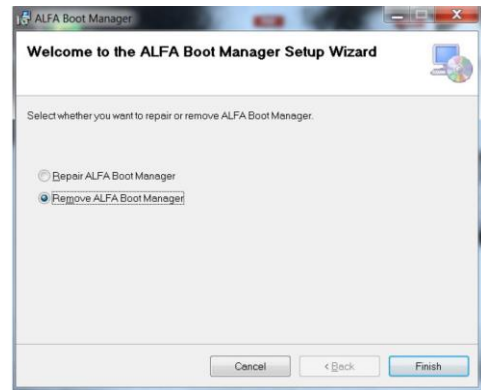
BootLoaderAPP installation procedure is described in the following paragraph. If the software is already installed on the PC, go directly to the following paragraph explaining software use for programming boards.

4.2.2. INSTALLATION OF “BOOTLOADERAPP”

If a version of the application is already present on the PC, you must first remove it before installing a new version.

In this case, run the installation software  ALFA Boot Manager and select option “Remove ALFA Boot Manager”, then press “Finish”.

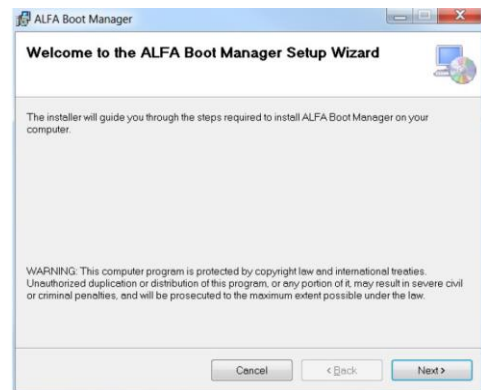
Wait until uninstall is completed and press “Close”.



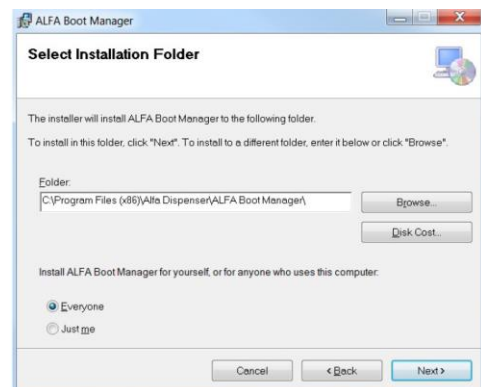
To install the application:

1. Run the installation file  ALFA Boot Manager .

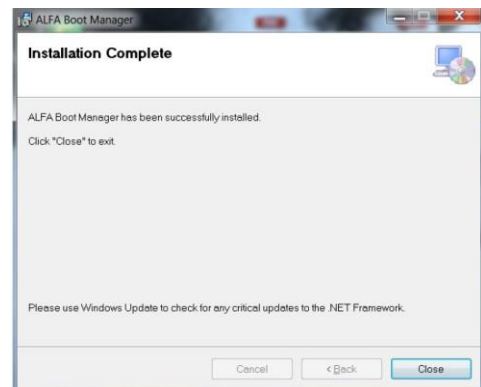
The page on the side will open.



2. In the following window, select the software installation path and select option “Everyone”, then press “Next >”.

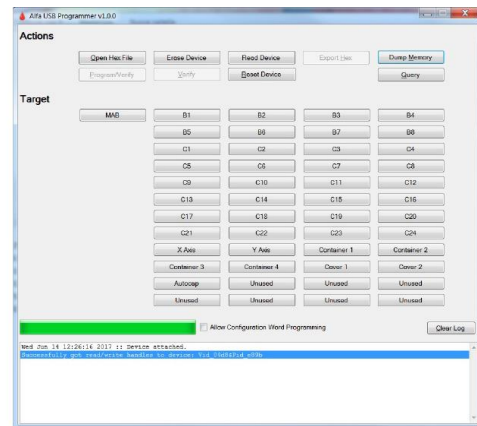


3. When prompted, press “Next >” until completing the installation procedure, then press “Close” to end the installation procedure.



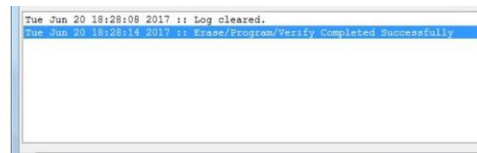
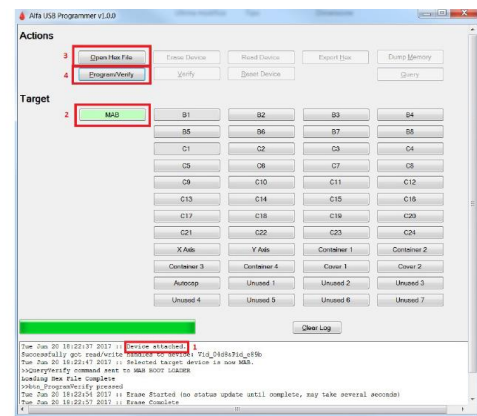
4.2.3. STARTING THE BOOTLOADER

Run BootloaderApp on the PC (the application is in the folder selected in step 2 of the installation procedure).
The following window will open.



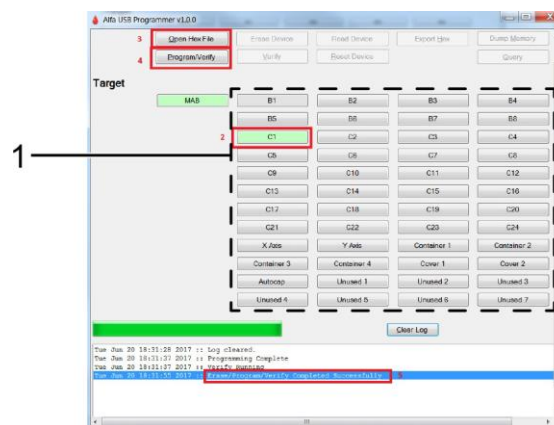
4.2.4. MAB FIRMWARE UPDATE

- Check that the software detected the presence of a MAB 'Device attached' (1)
- Select the MAB board to be used by pressing the MAB button (2) 'Selected target device is now MAB' + 'QueryVerify command sent to MAB BOOT LOADER'
- Select the Intel HEX file to be programmed, and press 'Open Hex File' (3) 'HEX File Complete'
- Proceed with Programming and Verification, by pressing 'Program/Verify' (4) ': wait for the final message 'Erase/Program/Verify Completed Successfully'
- If programming is successful, the 'MAB' button becomes GREEN.



4.2.5. ACTUATOR FIRMWARE UPDATE (SCCB BOARDS)

- Connect the special cable Alfa USB BOOT LOADER (code 305001893) across CN13 connector of the MAB board and a USB port of the PC for programming;
- Switch the machine on (or the board when programming it on a bench);
- Check that the software detected the presence of a MAB 'Device attached';
- Select actuator board (1) to be programmed by pressing the corresponding button (Fig. C1) (2) 'Selected target device is now C1' + 'QueryVerify command sent to MAB BOOT LOADER';
- Check that the address set in the actuator board to be programmed is consistent with the selected device (please refer to the following paragraph "SETTING ADDRESSES");
- Select the Intel HEX file to be programmed, and press 'Open Hex File' (3) 'HEX File Complete';
- Proceed with Programming and Verification, by pressing 'Program/Verify' (4), then wait for the final message 'Erase/Program/Verify Completed Successfully' (5);
- If programming is successful, the 'C1' button becomes GREEN.



4.2.6. SETTING ADDRESSES

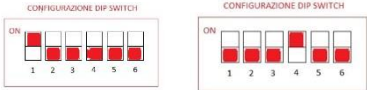
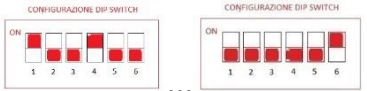
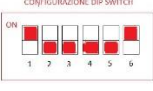
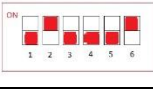
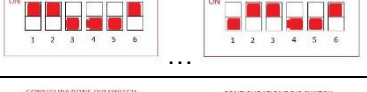
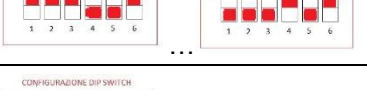


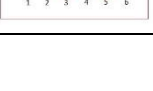
For programming an SCCB actuator board, the address set via the dip-switches must be consistent with the Target selected via the programming software (see previous paragraph).

Before programming a board, set the corresponding dip-switches accordingly.

Dip-switch addressing is a binary code.

The least significant bit is the leftmost one. A dip-switch set to ON corresponds to a bit value of '1'.

SCCB must have a fixed addressing, as follows:

GROUP OR CIRCUIT	DIP-SWITCH
BASE or MASTER B1-B8 (or M1-M8): ADDRESS 1...8	
COLORANTS C1-C24: ADDRESS 9...32	
X-AXIS: ADDRESS 33	
Y-AXIS: ADDRESS 34	
CAN SELECTOR 1-4: ADDRESS 35...38	
CAPPING 1-2: ADDRESS 39...40	
AUTOCAP: ADDRESS 41	
CAN LIFTER: ADDRESS 42	
HUMIDIFIER: ADDRESS 43	

Each address must be unique in the machine.

After programming, board address can be changed but only into addresses belonging to the same group of circuits (colorants, bases, etc.).

4.3. BOOTLOADER 2.0

Boot Loader 2.0 generation will include the possibility to remotely update the Firmware of ALFA machines, only by means of ALFA Software, with no need of any USB cable and without physically switching the machine off and back on.

If newer Firmware versions are found, a message will warn the operator, specify the name and type of the Firmware versions available, and propose the update with a new Firmware version. The operator shall then select which versions to install.

5. HANDLING THE MACHINE

5.1. MOVING THE MACHINE

Desk must only be moved under conditions of maximum safety.

In order to move the machine with the cabinet, it is possible to raise the support feet and use the dedicated wheels.

IN ORDER TO AVOID THE RISK OF PAINTING SPILLS INSIDE THE MACHINE, NEVER MOVE THE MACHINE WITH THE COLORANT CIRCUITS FULL.

BEWARE OF ANY STEPS OR IRREGULARITIES IN THE FLOORING/TERRAIN THAT COULD RESULT IN SUDDEN STOPPAGES, AS THESE COULD CAUSE MACHINE TO BECOME UNBALANCED. ALWAYS PROCEED AT A LOW SPEED WITH TWO PEOPLE HANDLING THE MACHINE AT ALL TIMES.

For bigger movements, it is necessary to use a suitable lifting mean. In this case, proceed as follows:

- Switch the machine off and disconnect all electric connections (power supply, ethernet, etc.);
- remove PC, keyboard, monitor and any other device from the machine bearing surfaces;
- Push the machine on the forks of a forklift truck or a manual lift truck having a suitable capacity, after checking the weight of the configuration in section 1.5.4 of the operator's manual;

EMPTY ALL TANKS OR BRING THEM TO MINIMUM LEVEL BEFORE LIFTING AND/OR MOVING THE MACHINE.

LIFT THE MACHINE CAREFULLY, TAKING CARE TO MAKE SURE THAT IT IS GRIPPED PROPERLY AND IS NOT AT RISK OF TIPPING OVER

- Handle the machine using the forklift truck and position it in the required space.

Always place the machine on a surface suitable for sustaining its weight or on perfectly smooth and level flooring.

Once the movement has been completed, lower the support feet to stabilise the machine and reconnect the electrical circuits. Use a spirit-level to level the machine.

6. ACCESS TO THE DIAGNOSTIC FUNCTIONS

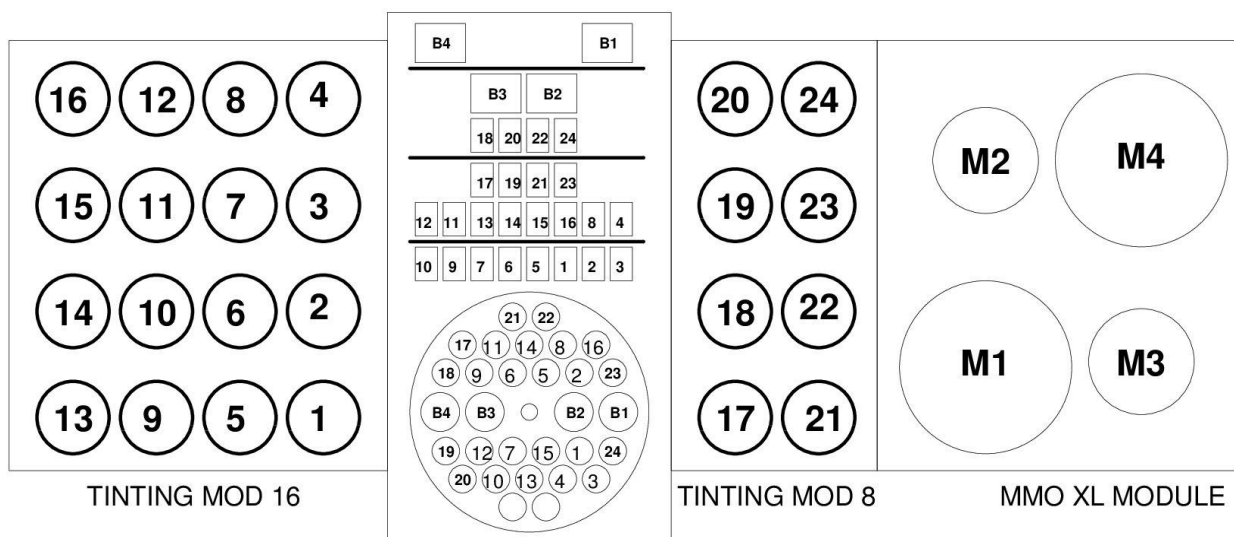
6.1. ADMIN CONTROL AND DIAGNOSTIC INTERFACE

The web control browser Admin interface has diagnostic functions that indicate the status of the machine and of the relevant circuits, as well as specific controls to activate and test each single circuit or the valve and motor functions.

For information about the interface access modes and the function description refer to the software manual.

7. CONNECTION DIAGRAMS

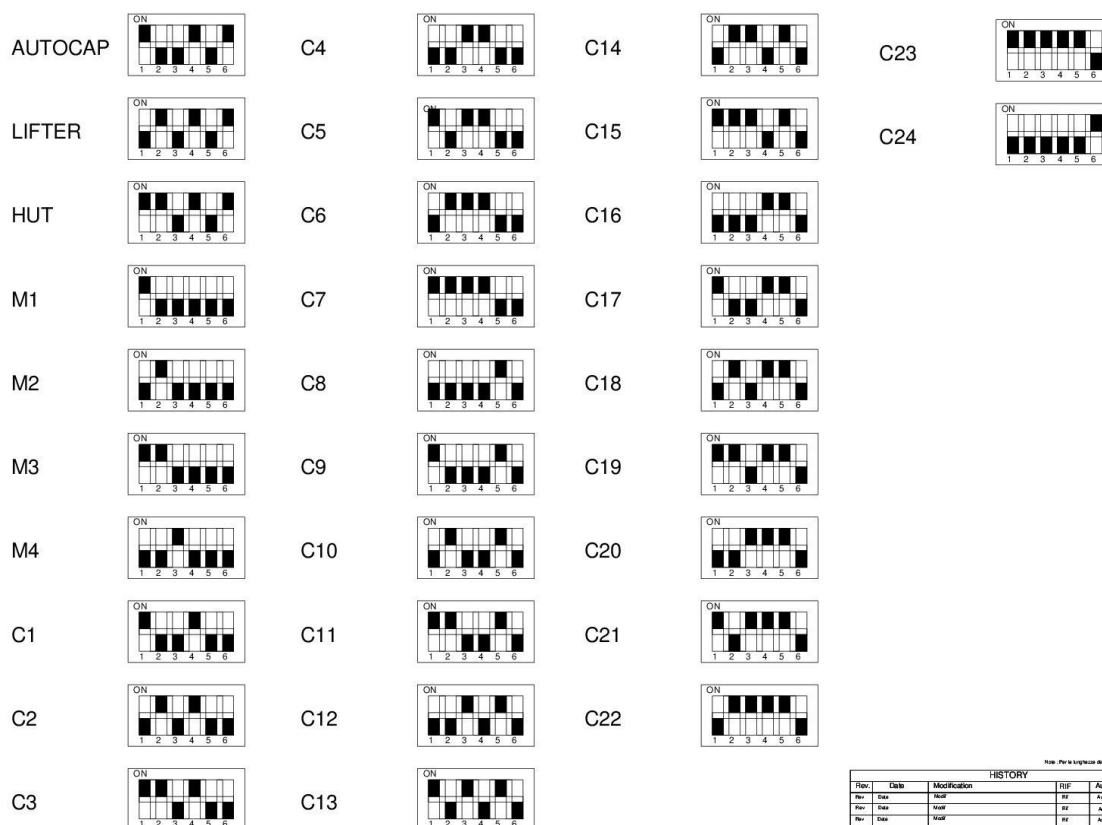
LAYOUT CIRCUITI



Nota: Per la lunghezza dei Collegamenti al cliente una tolleranza di +/- 4%.

HISTORY						
Rev.	Date	Modification	RF	Author	Approval	
Rev.	Date	Modif	RF	Author	Approval	
Rev.	Date	Modif	RF	Author	Approval	

<p>COLORPAINT DISPENSER</p> <p>Coloretti Coloretti Coloretti</p>	Design Title:	REVISION <RevCode>
	<Title>	
	Page Title:	
	Schematic Code:	
	<Doc>	Sheet 1 of 1

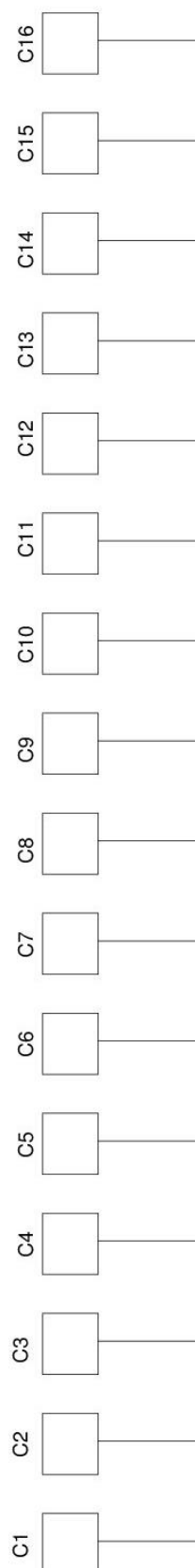


Nota: Per la lunghezza dei Collegamenti al cliente una tolleranza di +/- 4%.

HISTORY						
Rev.	Date	Modification	RF	Author	Approval	
Rev.	Date	Modif	RF	Author	Approval	
Rev.	Date	Modif	RF	Author	Approval	

<p>COLORPAINT DISPENSER</p> <p>Coloretti Coloretti Coloretti</p>	Design Title:	REVISION <RevCode>
	<Title>	
	Page Title:	
	Schematic Code:	
	<Doc>	Sheet 1 of 1

CABLAGGIO DT16 COD.305001877



RS 485


FILO VERDE	48V
FILO ROSSO	24V
FILO NERO	0V

A CONNETTORE BOX SCHEDE

NOTE: No signature and stamp is to be made on this form.

HISTORY

Rev.	Enab.	Modif.	Modif.	Rev.	Appr.
1	1	1	1	1	1
Rev.	Enab.	Modif.	Modif.	Rev.	Appr.
1	1	1	1	1	1



alfa

COGNAC 40°/52°

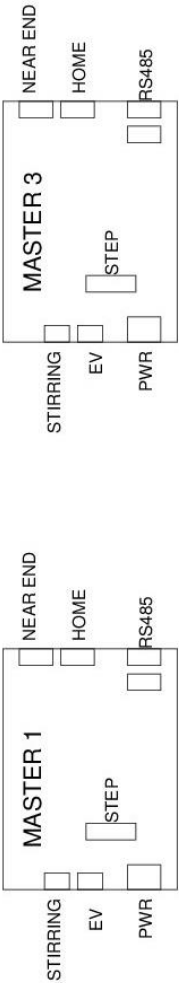
ALFA 11000 11000

CAVO MULTICOLOR LAB DISPENSER

Page 1/1


SCHEMATI C

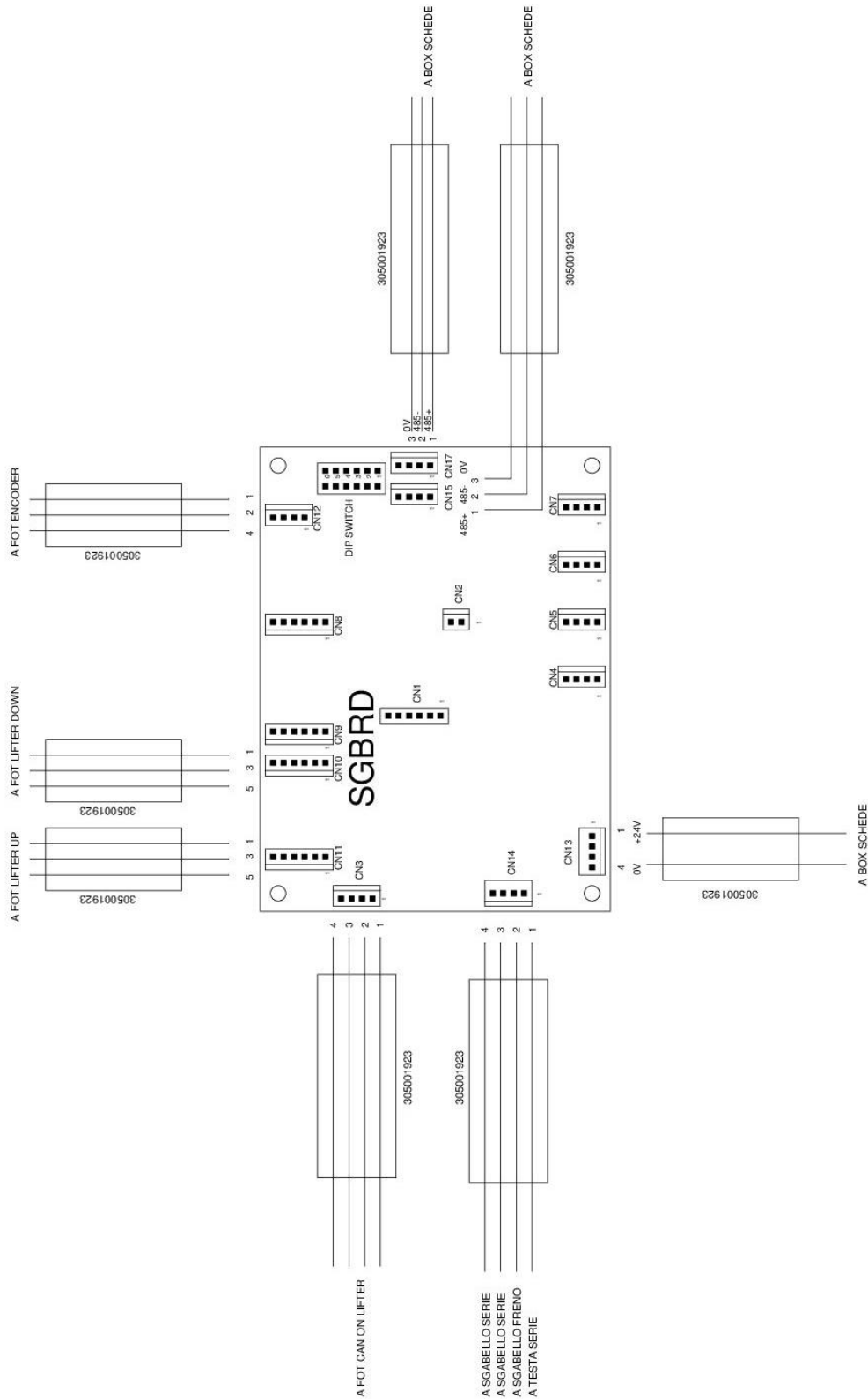
ESPOSIZIONE 2000



Nota: Per le versioni di Colorpint si consulti un software di 2D, 3D.

HISTORY					
Rev.	Date	Modification	RIF	Author	Approval
Rev.	Date	Modif	RIF	Author	Approval
Rev.	Date	Modif	RIF	Author	Approval
Rev.	Date	Modif	RIF	Author	Approval
Design Title:					
<Title>					
Page Title:					
SCHEMATICI					
Schematic Code					
<Doc>					
REVISION					
<RevCode>					
Sheet 1 of 1					

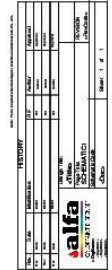

COLORPAINT DISPENSER
Schematic Code
Schematic Code
Schematic Code



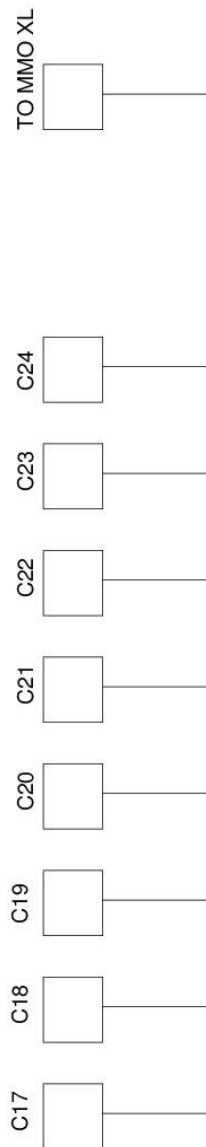
Nota: Per le informazioni sui componenti e sui materiali di consumo, vedere il file: **COMPONENTI**

REVISIONI		HISTORICO	
Rev.	Descrizione	Rev.	Descrizione
01	01	01	01
02	02	02	02
03	03	03	03
04	04	04	04
05	05	05	05
06	06	06	06
07	07	07	07
08	08	08	08
09	09	09	09
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Design: **alfa**
Project: **ALFA**
Revision: **01**
Date: **01/01/2023**
Author: **ALFA**
Check: **ALFA**
Draw: **ALFA**
Sheet: **1** of **1**



CABLAGGIO MOD 8 COD.3050002044



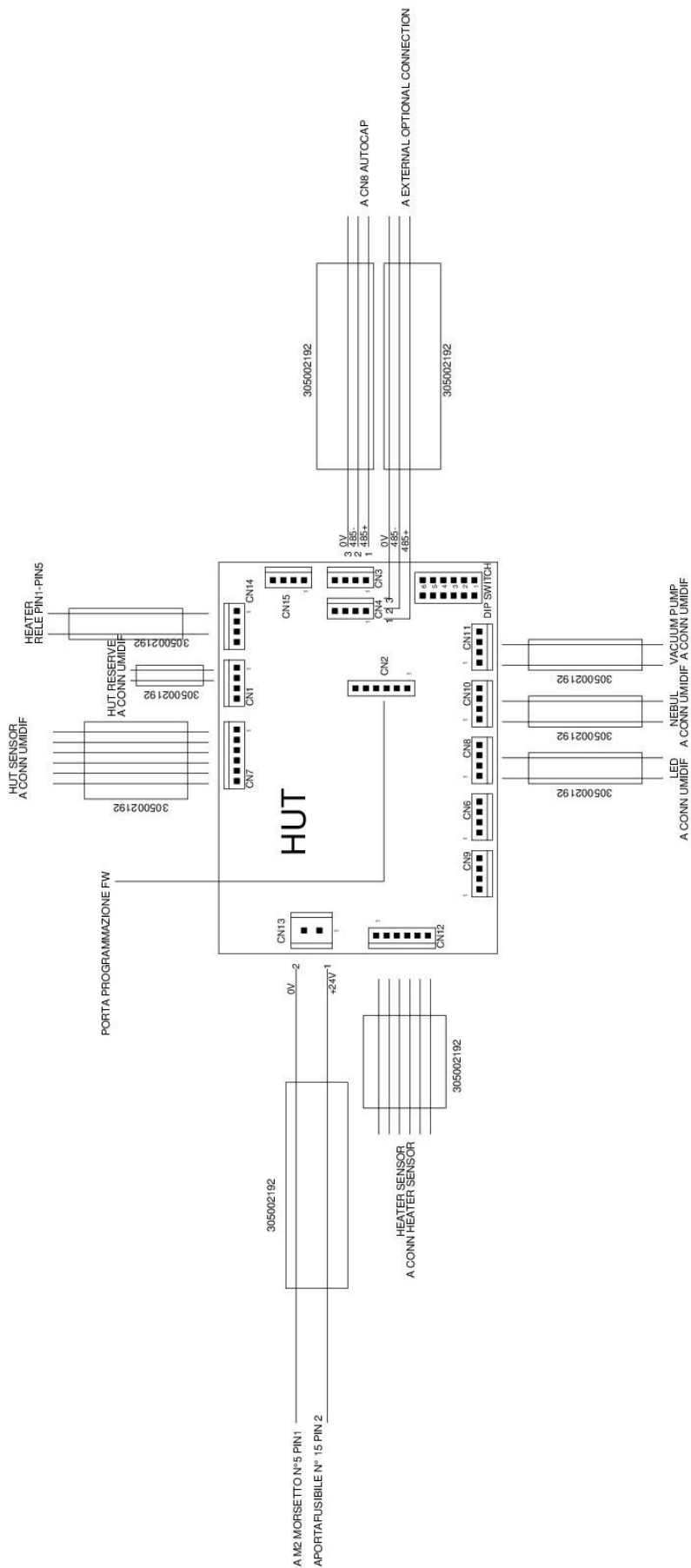
RS 485

FILO VERDE	48V
FILO ROSSO	24V
FILO NERO	0V

A CONNETTORE BOX SCHEDE

Nota: Para la impresión del diseño se debe utilizar una resolución de 600 dpi.

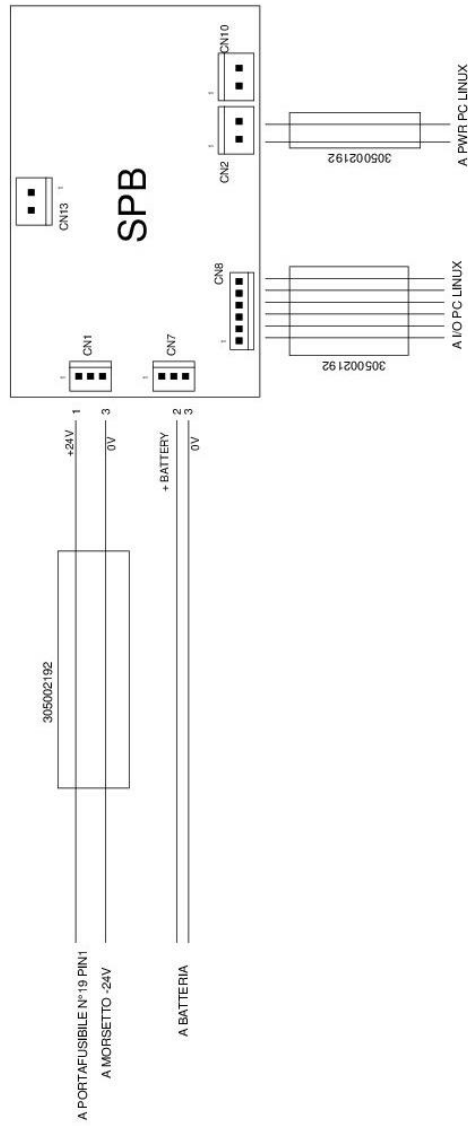
HISTORY				REVISION	
Rev.	Date	Modificación	RF	Autor	Approval
-	13/03/2018	Modificación	RF	RF	Autor
01	14/03/2018	RF	RF	Autor	Autor
02	15/03/2018	RF	RF	Autor	Autor
03	16/03/2018	RF	RF	Autor	Autor
04	17/03/2018	RF	RF	Autor	Autor
05	18/03/2018	RF	RF	Autor	Autor
06	19/03/2018	RF	RF	Autor	Autor
07	20/03/2018	RF	RF	Autor	Autor
08	21/03/2018	RF	RF	Autor	Autor
09	22/03/2018	RF	RF	Autor	Autor
10	23/03/2018	RF	RF	Autor	Autor
11	24/03/2018	RF	RF	Autor	Autor
12	25/03/2018	RF	RF	Autor	Autor
13	26/03/2018	RF	RF	Autor	Autor
14	27/03/2018	RF	RF	Autor	Autor
15	28/03/2018	RF	RF	Autor	Autor
16	29/03/2018	RF	RF	Autor	Autor
17	30/03/2018	RF	RF	Autor	Autor
18	31/03/2018	RF	RF	Autor	Autor
19	01/04/2018	RF	RF	Autor	Autor
20	02/04/2018	RF	RF	Autor	Autor
21	03/04/2018	RF	RF	Autor	Autor
22	04/04/2018	RF	RF	Autor	Autor
23	05/04/2018	RF	RF	Autor	Autor
24	06/04/2018	RF	RF	Autor	Autor
25	07/04/2018	RF	RF	Autor	Autor
26	08/04/2018	RF	RF	Autor	Autor
27	09/04/2018	RF	RF	Autor	Autor
28	10/04/2018	RF	RF	Autor	Autor
29	11/04/2018	RF	RF	Autor	Autor
30	12/04/2018	RF	RF	Autor	Autor
31	13/04/2018	RF	RF	Autor	Autor
32	14/04/2018	RF	RF	Autor	Autor
33	15/04/2018	RF	RF	Autor	Autor
34	16/04/2018	RF	RF	Autor	Autor
35	17/04/2018	RF	RF	Autor	Autor
36	18/04/2018	RF	RF	Autor	Autor
37	19/04/2018	RF	RF	Autor	Autor
38	20/04/2018	RF	RF	Autor	Autor
39	21/04/2018	RF	RF	Autor	Autor
40	22/04/2018	RF	RF	Autor	Autor
41	23/04/2018	RF	RF	Autor	Autor
42	24/04/2018	RF	RF	Autor	Autor
43	25/04/2018	RF	RF	Autor	Autor
44	26/04/2018	RF	RF	Autor	Autor
45	27/04/2018	RF	RF	Autor	Autor
46	28/04/2018	RF	RF	Autor	Autor
47	29/04/2018	RF	RF	Autor	Autor
48	30/04/2018	RF	RF	Autor	Autor
49	01/05/2018	RF	RF	Autor	Autor
50	02/05/2018	RF	RF	Autor	Autor
51	03/05/2018	RF	RF	Autor	Autor
52	04/05/2018	RF	RF	Autor	Autor
53	05/05/2018	RF	RF	Autor	Autor
54	06/05/2018	RF	RF	Autor	Autor
55	07/05/2018	RF	RF	Autor	Autor
56	08/05/2018	RF	RF	Autor	Autor
57	09/05/2018	RF	RF	Autor	Autor
58	10/05/2018	RF	RF	Autor	Autor
59	11/05/2018	RF	RF	Autor	Autor
60	12/05/2018	RF	RF	Autor	Autor
61	13/05/2018	RF	RF	Autor	Autor
62	14/05/2018	RF	RF	Autor	Autor
63	15/05/2018	RF	RF	Autor	Autor
64	16/05/2018	RF	RF	Autor	Autor
65	17/05/2018	RF	RF	Autor	Autor
66	18/05/2018	RF	RF	Autor	Autor
67	19/05/2018	RF	RF	Autor	Autor
68	20/05/2018	RF	RF	Autor	Autor
69	21/05/2018	RF	RF	Autor	Autor
70	22/05/2018	RF	RF	Autor	Autor
71	23/05/2018	RF	RF	Autor	Autor
72	24/05/2018	RF	RF	Autor	Autor
73	25/05/2018	RF	RF	Autor	Autor
74	26/05/2018	RF	RF	Autor	Autor
75	27/05/2018	RF	RF	Autor	Autor
76	28/05/2018	RF	RF	Autor	Autor
77	29/05/2018	RF	RF	Autor	Autor
78	30/05/2018	RF	RF	Autor	Autor
79	31/05/2018	RF	RF	Autor	Autor
80	01/06/2018	RF	RF	Autor	Autor
81	02/06/2018	RF	RF	Autor	Autor
82	03/06/2018	RF	RF	Autor	Autor
83	04/06/2018	RF	RF	Autor	Autor
84	05/06/2018	RF	RF	Autor	Autor
85	06/06/2018	RF	RF	Autor	Autor
86	07/06/2018	RF	RF	Autor	Autor
87	08/06/2018	RF	RF	Autor	Autor
88	09/06/2018	RF	RF	Autor	Autor
89	10/06/2018	RF	RF	Autor	Autor
90	11/06/2018	RF	RF	Autor	Autor
91	12/06/2018	RF	RF	Autor	Autor
92	13/06/2018	RF	RF	Autor	Autor
93	14/06/2018	RF	RF	Autor	Autor
94	15/06/2018	RF	RF	Autor	Autor
95	16/06/2018	RF	RF	Autor	Autor
96	17/06/2018	RF	RF	Autor	Autor
97	18/06/2018	RF	RF	Autor	Autor
98	19/06/2018	RF	RF	Autor	Autor
99	20/06/2018	RF	RF	Autor	Autor
100	21/06/2018	RF	RF	Autor	Autor
101	22/06/2018	RF	RF	Autor	Autor
102	23/06/2018	RF	RF	Autor	Autor
103	24/06/2018	RF	RF	Autor	Autor
104	25/06/2018	RF	RF	Autor	Autor
105	26/06/2018	RF	RF	Autor	Autor
106	27/06/2018	RF	RF	Autor	Autor
107	28/06/2018	RF	RF	Autor	Autor
108	29/06/2018	RF	RF	Autor	Autor
109	30/06/2018	RF	RF	Autor	Autor
110	01/07/2018	RF	RF	Autor	Autor
111	02/07/2018	RF	RF	Autor	Autor
112	03/07/2018	RF	RF	Autor	Autor
113	04/07/2018	RF	RF	Autor	Autor
114	05/07/2018	RF	RF	Autor	Autor
115	06/07/2018	RF	RF	Autor	Autor
116	07/07/2018	RF	RF	Autor	Autor
117	08/07/2018	RF	RF	Autor	Autor
118	09/07/2018	RF	RF	Autor	Autor
119	10/07/2018	RF	RF	Autor	Autor
120	11/07/2018	RF	RF	Autor	Autor
121	12/07/2018	RF	RF	Autor	Autor
122	13/07/2018	RF	RF	Autor	Autor
123	14/07/2018	RF	RF	Autor	Autor
124	15/07/2018	RF	RF	Autor	Autor
125	16/07/2018	RF	RF	Autor	Autor
126	17/07/2018	RF	RF	Autor	Autor
127	18/07/2018	RF	RF	Autor	Autor
128	19/07/2018	RF	RF	Autor	Autor
129	20/07/2018	RF	RF	Autor	Autor
130	21/07/2018	RF	RF	Autor	Autor
131	22/07/2018	RF	RF	Autor	Autor
132	23/07/2018	RF	RF	Autor	Autor
133	24/07/2018	RF	RF	Autor	Autor
134	25/07/2018	RF	RF	Autor	Autor
135	26/07/2018	RF	RF	Autor	Autor
136	27/07/2018	RF	RF	Autor	Autor
137	28/07/2018	RF	RF	Autor	Autor
138	29/07/2018	RF	RF	Autor	Autor
139	30/07/2018	RF	RF	Autor	Autor
140	31/07/2018	RF	RF	Autor	Autor
141	01/08/2018	RF	RF	Autor	Autor
142	02/08/2018	RF	RF	Autor	Autor
143	03/08/2018	RF	RF	Autor	Autor
144	04/08/2018	RF	RF	Autor	Autor
145	05/08/2018	RF	RF	Autor	Autor
146	06/08/2018	RF	RF	Autor	Autor
147	07/08/2018	RF	RF	Autor	Autor
148	08/08/2018	RF	RF	Autor	Autor
149	09/08/2018	RF	RF	Autor	Autor
150	10/08/2018	RF	RF	Autor	Autor
151	11/08/2018	RF	RF	Autor	Autor
152	12/08/2018	RF	RF	Autor	Autor
153	13/08/2018	RF	RF	Autor	Autor
154	14/08/2018	RF	RF	Autor	Autor
155	15/08/2018	RF	RF	Autor	Autor
156	16/08/2018	RF	RF	Autor	Autor
157	17/08/2018	RF	RF	Autor	Autor
158	18/08/2018	RF	RF	Autor	Autor
159	19/08/2018	RF	RF	Autor	Autor
160	20/08/2018	RF	RF	Autor	Autor
161	21/08/2018	RF	RF	Autor	Autor
162	22/08/2018	RF	RF	Autor	Autor
163	23/08/2018	RF	RF	Autor	Autor
164	24/08/2018	RF	RF	Autor	Autor
165	25/08/2018	RF	RF	Autor	Autor
166	26/08/2018	RF	RF	Autor	Autor
167	27/08/2018	RF	RF	Autor	Autor
168	28/08/2018	RF	RF	Autor	Autor
169	29/08/2018	RF	RF	Autor	Autor
170	30/08/2018	RF	RF	Autor	Autor
171	31/08/2018	RF	RF	Autor	Autor
172	01/09/2018	RF	RF	Autor	Autor
173	02/09/2018	RF	RF	Autor	Autor
174	03/09/2018	RF	RF	Autor	Autor
175	04/09/2018	RF	RF	Autor	Autor
176	05/09/2018	RF	RF	Autor	Autor
177	06/09/2018	RF	RF	Autor	Autor
178	07/09/2018	RF	RF	Autor	Autor
179	08/09/2018	RF	RF	Autor	Autor
180	09/09/2018	RF	RF	Autor	Autor
181	10/09/2018	RF	RF	Autor	Autor
182	11/09/2018	RF	RF	Autor	Autor
183	12/09/2018	RF	RF	Autor	Autor
184	13/09/2018	RF	RF	Autor	Autor
185	14/09/2018	RF	RF	Autor	Autor
186	15/09/2018	RF	RF	Autor	Autor
187	16/09/2018	RF	RF	Autor	Autor
188	17/09/2018	RF	RF	Autor	Autor
189	18/09/2018	RF	RF	Autor	Autor
190	19/09/2018	RF	RF	Autor	Autor
191	20/09/2018	RF	RF	Autor	Autor
192	21/09/2018	RF	RF	Autor	Autor
193	22/09/2018	RF	RF	Autor	Autor
194	23/09/2018	RF	RF	Autor	Autor
195	24/09/2018	RF	RF	Autor	Autor
196	25/09/2018	RF	RF	Autor	Autor
197	26/09/2018	RF	RF	Autor	Autor
198	27/09/2018	RF	RF	Autor	Autor
199	28/09/2018	RF	RF	Autor	Autor
200	29/09/2018	RF	RF	Autor	Autor
201	30/09/2018	RF	RF	Autor	Autor
202	01/10/2018	RF	RF	Autor	Autor
203	02/10/2018	RF	RF	Autor	Autor
204	03/10/2018	RF	RF	Autor	Autor
205	04/10/2018	RF	RF	Autor	Autor



Notes: 1. For the purposes of this document, the word "revision" shall mean a change in the design of the product.

HISTORY

Rev.	Date	Modification	Rev.	Author	Approval
1.0	10/10/2010	Initial	1.0	Author	Approved
1.1	10/10/2010	Rev. 1.0	1.1	Author	Approved
1.2	10/10/2010	Rev. 1.1	1.2	Author	Approved
1.3	10/10/2010	Rev. 1.2	1.3	Author	Approved
1.4	10/10/2010	Rev. 1.3	1.4	Author	Approved
1.5	10/10/2010	Rev. 1.4	1.5	Author	Approved
1.6	10/10/2010	Rev. 1.5	1.6	Author	Approved
1.7	10/10/2010	Rev. 1.6	1.7	Author	Approved
1.8	10/10/2010	Rev. 1.7	1.8	Author	Approved
1.9	10/10/2010	Rev. 1.8	1.9	Author	Approved
2.0	10/10/2010	Rev. 1.9	2.0	Author	Approved
2.1	10/10/2010	Rev. 2.0	2.1	Author	Approved
2.2	10/10/2010	Rev. 2.1	2.2	Author	Approved
2.3	10/10/2010	Rev. 2.2	2.3	Author	Approved
2.4	10/10/2010	Rev. 2.3	2.4	Author	Approved
2.5	10/10/2010	Rev. 2.4	2.5	Author	Approved
2.6	10/10/2010	Rev. 2.5	2.6	Author	Approved
2.7	10/10/2010	Rev. 2.6	2.7	Author	Approved
2.8	10/10/2010	Rev. 2.7	2.8	Author	Approved
2.9	10/10/2010	Rev. 2.8	2.9	Author	Approved
3.0	10/10/2010	Rev. 2.9	3.0	Author	Approved
3.1	10/10/2010	Rev. 3.0	3.1	Author	Approved
3.2	10/10/2010	Rev. 3.1	3.2	Author	Approved
3.3	10/10/2010	Rev. 3.2	3.3	Author	Approved
3.4	10/10/2010	Rev. 3.3	3.4	Author	Approved
3.5	10/10/2010	Rev. 3.4	3.5	Author	Approved
3.6	10/10/2010	Rev. 3.5	3.6	Author	Approved
3.7	10/10/2010	Rev. 3.6	3.7	Author	Approved
3.8	10/10/2010	Rev. 3.7	3.8	Author	Approved
3.9	10/10/2010	Rev. 3.8	3.9	Author	Approved
4.0	10/10/2010	Rev. 3.9	4.0	Author	Approved
4.1	10/10/2010	Rev. 4.0	4.1	Author	Approved
4.2	10/10/2010	Rev. 4.1	4.2	Author	Approved
4.3	10/10/2010	Rev. 4.2	4.3	Author	Approved
4.4	10/10/2010	Rev. 4.3	4.4	Author	Approved
4.5	10/10/2010	Rev. 4.4	4.5	Author	Approved
4.6	10/10/2010	Rev. 4.5	4.6	Author	Approved
4.7	10/10/2010	Rev. 4.6	4.7	Author	Approved
4.8	10/10/2010	Rev. 4.7	4.8	Author	Approved
4.9	10/10/2010	Rev. 4.8	4.9	Author	Approved
5.0	10/10/2010	Rev. 4.9	5.0	Author	Approved
5.1	10/10/2010	Rev. 5.0	5.1	Author	Approved
5.2	10/10/2010	Rev. 5.1	5.2	Author	Approved
5.3	10/10/2010	Rev. 5.2	5.3	Author	Approved
5.4	10/10/2010	Rev. 5.3	5.4	Author	Approved
5.5	10/10/2010	Rev. 5.4	5.5	Author	Approved
5.6	10/10/2010	Rev. 5.5	5.6	Author	Approved
5.7	10/10/2010	Rev. 5.6	5.7	Author	Approved
5.8	10/10/2010	Rev. 5.7	5.8	Author	Approved
5.9	10/10/2010	Rev. 5.8	5.9	Author	Approved
6.0	10/10/2010	Rev. 5.9	6.0	Author	Approved
6.1	10/10/2010	Rev. 6.0	6.1	Author	Approved
6.2	10/10/2010	Rev. 6.1	6.2	Author	Approved
6.3	10/10/2010	Rev. 6.2	6.3	Author	Approved
6.4	10/10/2010	Rev. 6.3	6.4	Author	Approved
6.5	10/10/2010	Rev. 6.4	6.5	Author	Approved
6.6	10/10/2010	Rev. 6.5	6.6	Author	Approved
6.7	10/10/2010	Rev. 6.6	6.7	Author	Approved
6.8	10/10/2010	Rev. 6.7	6.8	Author	Approved
6.9	10/10/2010	Rev. 6.8	6.9	Author	Approved
7.0	10/10/2010	Rev. 6.9	7.0	Author	Approved
7.1	10/10/2010	Rev. 7.0	7.1	Author	Approved
7.2	10/10/2010	Rev. 7.1	7.2	Author	Approved
7.3	10/10/2010	Rev. 7.2	7.3	Author	Approved
7.4	10/10/2010	Rev. 7.3	7.4	Author	Approved
7.5	10/10/2010	Rev. 7.4	7.5	Author	Approved
7.6	10/10/2010	Rev. 7.5	7.6	Author	Approved
7.7	10/10/2010	Rev. 7.6	7.7	Author	Approved
7.8	10/10/2010	Rev. 7.7	7.8	Author	Approved
7.9	10/10/2010	Rev. 7.8	7.9	Author	Approved
8.0	10/10/2010	Rev. 7.9	8.0	Author	Approved
8.1	10/10/2010	Rev. 8.0	8.1	Author	Approved
8.2	10/10/2010	Rev. 8.1	8.2	Author	Approved
8.3	10/10/2010	Rev. 8.2	8.3	Author	Approved
8.4	10/10/2010	Rev. 8.3	8.4	Author	Approved
8.5	10/10/2010	Rev. 8.4	8.5	Author	Approved
8.6	10/10/2010	Rev. 8.5	8.6	Author	Approved
8.7	10/10/2010	Rev. 8.6	8.7	Author	Approved
8.8	10/10/2010	Rev. 8.7	8.8	Author	Approved
8.9	10/10/2010	Rev. 8.8	8.9	Author	Approved
9.0	10/10/2010	Rev. 8.9	9.0	Author	Approved
9.1	10/10/2010	Rev. 9.0	9.1	Author	Approved
9.2	10/10/2010	Rev. 9.1	9.2	Author	Approved
9.3	10/10/2010	Rev. 9.2	9.3	Author	Approved
9.4	10/10/2010	Rev. 9.3	9.4	Author	Approved
9.5	10/10/2010	Rev. 9.4	9.5	Author	Approved
9.6	10/10/2010	Rev. 9.5	9.6	Author	Approved
9.7	10/10/2010	Rev. 9.6	9.7	Author	Approved
9.8	10/10/2010	Rev. 9.7	9.8	Author	Approved
9.9	10/10/2010	Rev. 9.8	9.9	Author	Approved
10.0	10/10/2010	Rev. 9.9	10.0	Author	Approved
10.1	10/10/2010	Rev. 10.0	10.1	Author	Approved
10.2	10/10/2010	Rev. 10.1	10.2	Author	Approved
10.3	10/10/2010	Rev. 10.2	10.3	Author	Approved
10.4	10/10/2010	Rev. 10.3	10.4	Author	Approved
10.5	10/10/2010	Rev. 10.4	10.5	Author	Approved
10.6	10/10/2010	Rev. 10.5	10.6	Author	Approved
10.7	10/10/2010	Rev. 10.6	10.7	Author	Approved
10.8	10/10/2010	Rev. 10.7	10.8	Author	Approved
10.9	10/10/2010	Rev. 10.8	10.9	Author	Approved
11.0	10/10/2010	Rev. 10.9	11.0	Author	Approved
11.1	10/10/2010	Rev. 11.0	11.1	Author	Approved
11.2	10/10/2010	Rev. 11.1	11.2	Author	Approved
11.3	10/10/2010	Rev. 11.2	11.3	Author	Approved
11.4	10/10/2010	Rev. 11.3	11.4	Author	Approved
11.5	10/10/2010	Rev. 11.4	11.5	Author	Approved
11.6	10/10/2010	Rev. 11.5	11.6	Author	Approved
11.7	10/10/2010	Rev. 11.6	11.7	Author	Approved
11.8	10/10/2010	Rev. 11.7	11.8	Author	Approved
11.9	10/10/2010	Rev. 11.8	11.9	Author	Approved
12.0	10/10/2010	Rev. 11.9	12.0	Author	Approved
12.1	10/10/2010	Rev. 12.0	12.1	Author	Approved
12.2	10/10/2010	Rev. 12.1	12.2	Author	Approved
12.3	10/10/2010	Rev. 12.2	12.3	Author	Approved
12.4	10/10/2010	Rev. 12.3	12.4	Author	Approved
12.5	10/10/2010	Rev. 12.4	12.5	Author	Approved
12.6	10/10/2010	Rev. 12.5	12.6	Author	Approved
12.7	10/10/2010	Rev. 12.6	12.7	Author	Approved
12.8	10/10/2010	Rev. 12.7	12.8	Author	Approved
12.9	10/10/2010	Rev. 12.8	12.9	Author	Approved
13.0	10/10/2010	Rev. 12.9	13.0	Author	Approved
13.1	10/10/2010	Rev. 13.0	13.1	Author	Approved
13.2	10/10/2010	Rev. 13.1	13.2	Author	Approved
13.3	10/10/2010	Rev. 13.2	13.3	Author	Approved
13.4	10/10/2010	Rev. 13.3	13.4	Author	Approved
13.5	10/10/2010	Rev. 13.4	13.5	Author	Approved
13.6	10/10/2010	Rev. 13.5	13.6	Author	Approved
13.7	10/10/2010	Rev. 13.6	13.7	Author	Approved
13.8	10/10/2010	Rev. 13.7	13.8	Author	Approved
13.9	10/10/2010	Rev. 13.8	13.9	Author	Approved
14.0	10/10/2010	Rev. 13.9	14.0	Author	Approved
14.1	10/10/2010	Rev. 14.0	14.1	Author	Approved
14.2	10/10/2010	Rev. 14.1	14.2	Author	Approved
14.3	10/10/2010	Rev. 14.2	14.3	Author	Approved
14.4	10/10/2010	Rev. 14.3	14.4	Author	Approved
14.5	10/10/2010	Rev. 14.4	14.5	Author	Approved
14.6	10/10/2010	Rev. 14.5	14.6	Author	Approved
14.7	10/10/2010	Rev. 14.6	14.7	Author	Approved
14.8	10/10/2010	Rev. 14.7	14.8	Author	Approved
14.9	10/10/2010	Rev. 14.8	14.9	Author	Approved
15.0	10/10/2010	Rev. 14.9	15.0	Author	Approved
15.1	10/10/2010	Rev. 15.0	15.1	Author	Approved
15.2	10/10/2010	Rev. 15.1	15.2	Author	Approved
15.3	10/10/2010	Rev. 15.2	15.3	Author	Approved
15.4	10/10/2010	Rev. 15.3	15.4	Author	Approved
15.5	10/10/2010	Rev. 15.4	15.5	Author	Approved
15.6	10/10/2010	Rev. 15.5	15.6	Author	Approved
15.7	10/10/2010	Rev. 15.6	15.7	Author	Approved
15.8	10/10/2010	Rev. 15.7	15.8	Author	Approved
15.9	10/10/2010	Rev. 15.8	15.9	Author	Approved
16.0	10/10/2010	Rev. 15.9	16.0	Author	Approved
16.1	10/10/2010	Rev. 16.0	16.1	Author	Approved
16.2	10/10/2010	Rev. 16.1	16.2	Author	Approved
16.3	10/10/2010	Rev. 16.2	16.3	Author	Approved
16.4	10/10/2010	Rev. 16.3	16.4	Author	Approved
16.5	10/10/2010	Rev. 16.4	16.5	Author	Approved
16.6	10/10/2010	Rev. 16.5	16.6	Author	Approved
16.7	10/10/2010	Rev. 16.6	16.7	Author	Approved
16.8	10/10/2010	Rev. 16.7	16.8	Author	Approved
16.9	10/10/2010	Rev. 16.8	16.9	Author	Approved
17.0	10/10/2010	Rev. 16.9	17.0	Author	Approved
17.1	10/10/2010	Rev. 17.0	17.1	Author	Approved
17.2	10/10/2010	Rev. 17.1	17.2	Author	Approved
17.3	10/10/2010	Rev. 17.2	17.3	Author	Approved
17.4	10/10/2010	Rev. 17.3	17.4	Author	Approved
17.5	10/10/2010	Rev. 17.4	17.5	Author	Approved
17.6	10/10/2010	Rev. 17.5	17.6	Author	Approved
17.7	10/10/2010	Rev. 17.6	17.7	Author	Approved
17.8	10/10/2010	Rev. 17.7	17.8	Author	Approved
17.9	10/10/2010	Rev. 17.8	17.9	Author	Approved
18.0	10/10/2010	Rev. 17.9	18.0	Author	Approved
18.1	10/10/2010	Rev. 18.0	18.1	Author	Approved
18.2	10/10/2010	Rev. 18.1	18.2	Author	Approved
18.3	10/10/2010	Rev. 18.2	18.3	Author	Approved
18.4	10/10/2010	Rev. 18.3	18.4	Author	Approved
18.5	10/10/2010	Rev. 18.4	18.5	Author	Approved
18.6	10/10/2010	Rev. 18.5	18.6	Author	Approved
18.7	10/10/2010	Rev. 18.6	18.7	Author	Approved
18.8	10/10/2010	Rev. 18.7	18.8	Author	Approved
18.9	10/10/2010	Rev. 18.8	18.9	Author	Approved
19.0	10/10/2010	Rev. 18.9	19.0	Author	Approved
19.1	10/10/2010	Rev. 19.0	19.1	Author	Approved
19.2	10/10/2010	Rev. 19.1	19.2	Author	Approved
19.3	10/10/2010	Rev. 19.2	19.3	Author	Approved
19.4	10/10/2010	Rev. 19.3	19.4	Author	Approved
19.5	10/10/2010	Rev. 19.4	19.5	Author	Approved
19.6	10/10/2010	Rev. 19.5	19.6	Author	Approved
19.7	10/10/2010	Rev. 19.6	19.7	Author	Approved
19.8	10/10/2010	Rev. 19.7	19.8	Author	Approved
19.9	10/10/2010	Rev. 19.8	19.9	Author	Approved
20.0	10/10/2010	Rev. 19.9	20.0	Author	Approved
20.1	10/10/2010	Rev. 20.0	20.1	Author	Approved
20.2	10/10/2010	Rev. 20.1	20.2	Author	Approved
20.3	10/10/2010	Rev. 20.2	20.3	Author	Approved
20.4	10/10/2010	Rev. 20.3	20.4	Author	Approved
20.5	10/10/2010	Rev. 20.4	20.5	Author	Approved
20.6	10/10/2010	Rev. 20.5	20.6	Author	Approved
20.7	10/10/2010	Rev. 20.6	20.7	Author	Approved
20.8	10/10/2010	Rev. 20.7	20.8	Author	Approved
20.9	10/10/2010	Rev. 20.8	20.9	Author	Approved
21.0	10/10/2010	Rev. 20.9	21.0	Author	Approved
21.1	10/10/2010	Rev. 21.0	21.1	Author	Approved
21.2	10/10/2010	Rev. 21.1	21.2	Author	Approved
21.3	10/10/2010	Rev. 21.2	21.3	Author	Approved
21.4	10/10/2010	Rev. 21.3	21.4	Author</	



Nota: In base alle informazioni fornite dal cliente, il presente documento è riservato al cliente.

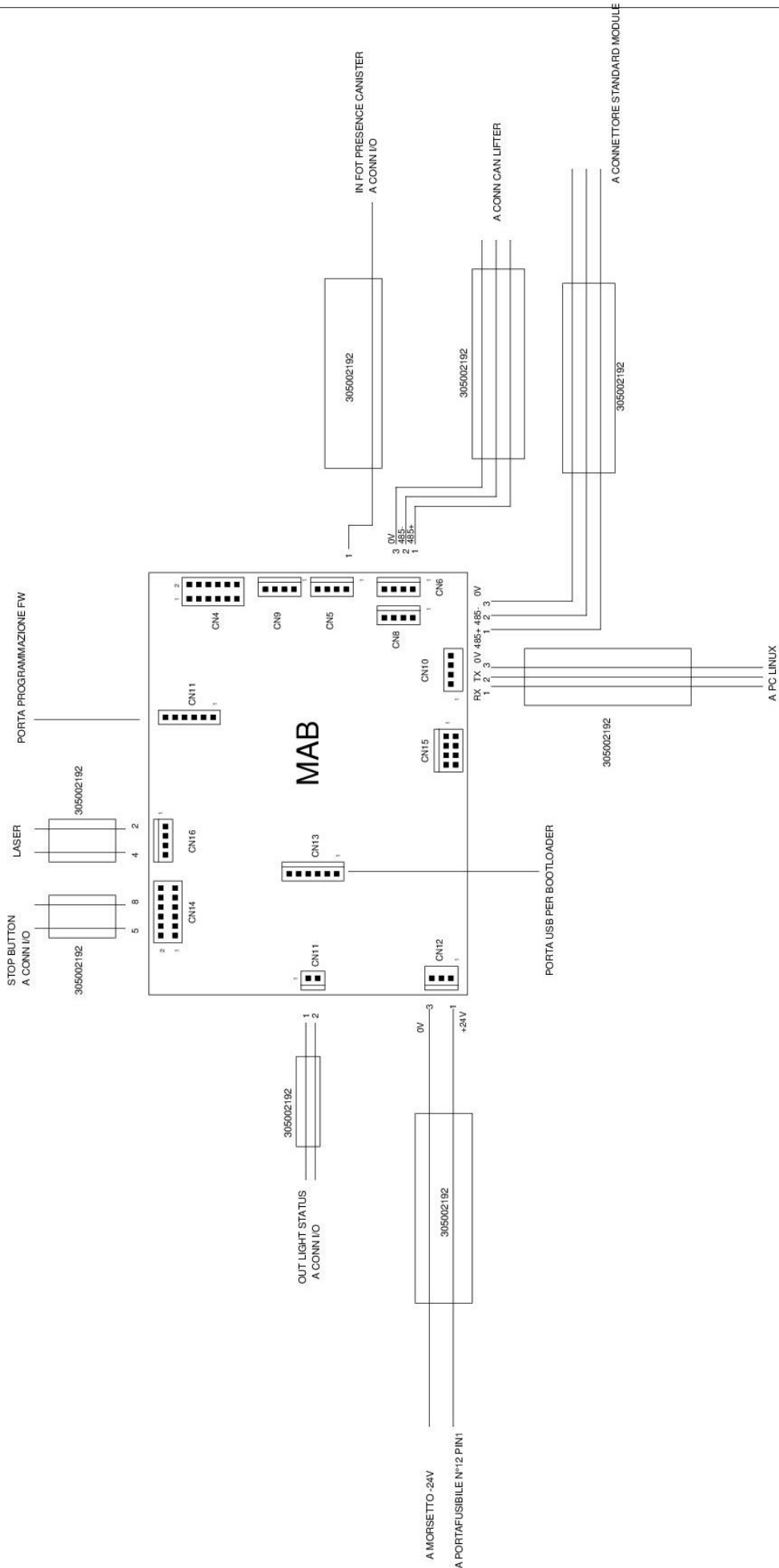
REVISIONE		MODIFICAZIONE		APPROVAZIONE	
Rev.	Data	Rev.	Data	Rev.	Data
1.0	10/01/2018	1.0	10/01/2018	1.0	10/01/2018
1.1	10/01/2018	1.1	10/01/2018	1.1	10/01/2018
1.2	10/01/2018	1.2	10/01/2018	1.2	10/01/2018
1.3	10/01/2018	1.3	10/01/2018	1.3	10/01/2018
1.4	10/01/2018	1.4	10/01/2018	1.4	10/01/2018
1.5	10/01/2018	1.5	10/01/2018	1.5	10/01/2018
1.6	10/01/2018	1.6	10/01/2018	1.6	10/01/2018
1.7	10/01/2018	1.7	10/01/2018	1.7	10/01/2018
1.8	10/01/2018	1.8	10/01/2018	1.8	10/01/2018
1.9	10/01/2018	1.9	10/01/2018	1.9	10/01/2018
2.0	10/01/2018	2.0	10/01/2018	2.0	10/01/2018

Design Title: **SPB**
 Design No: **SPB**
 Revision: **1.0**
 Date: **10/01/2018**
 Author: **SPB**
 Checked: **SPB**
 Approved: **SPB**

alfa
COLORPAINT DISPENSER
Scheda di Collegamento

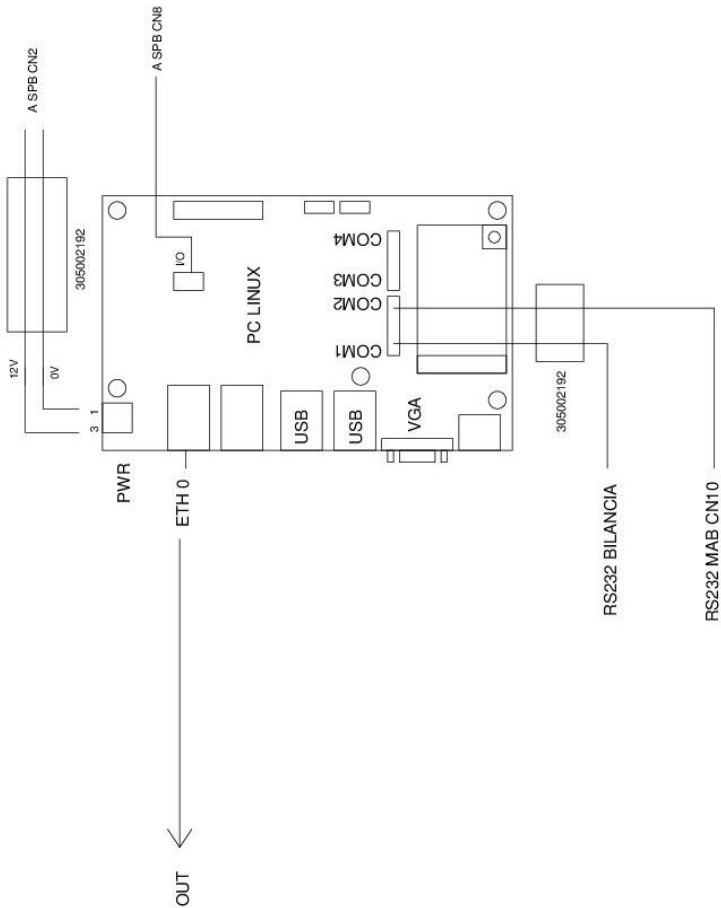
Sheet 1 of 1

MAIN AUTOMATION BOARD



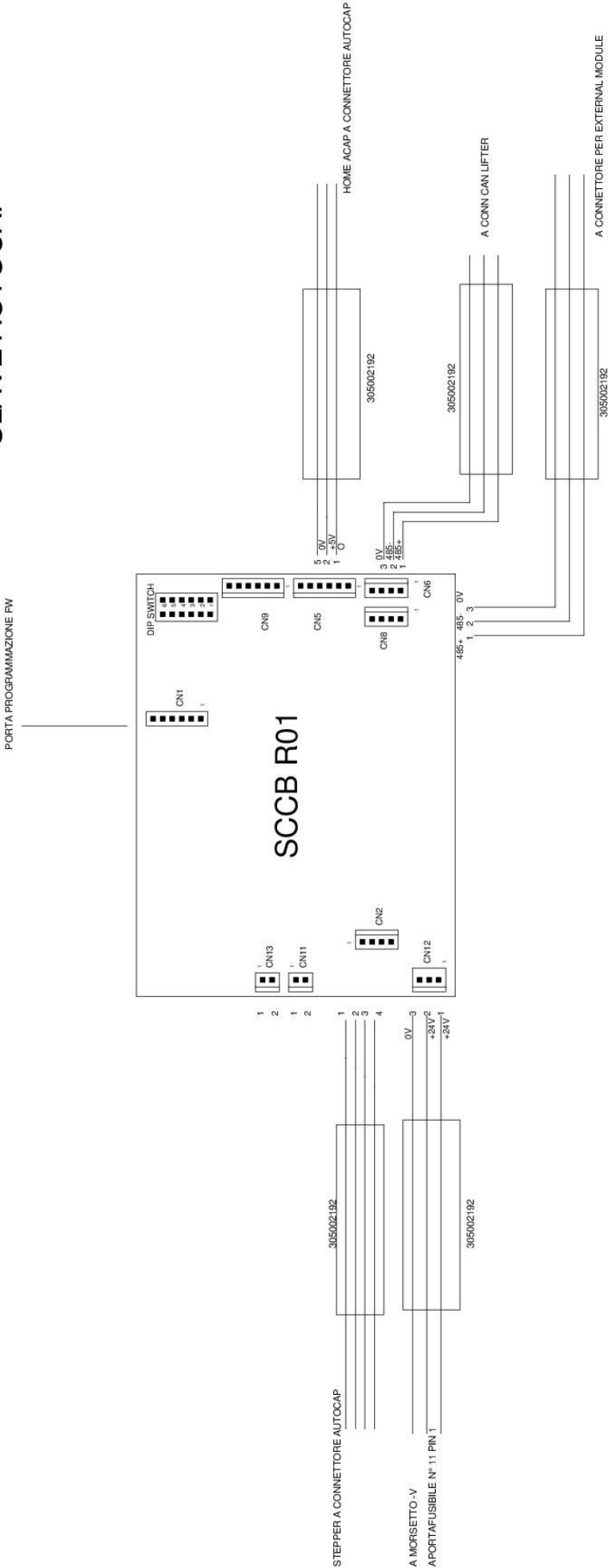
HISTORY			
Rev.	Date	Modification	Author
1	2018/01/10	PROTOTIPO	ALFA
2	2018/01/10	PROTOTIPO	ALFA
3	2018/01/10	PROTOTIPO	ALFA
4	2018/01/10	PROTOTIPO	ALFA
5	2018/01/10	PROTOTIPO	ALFA
6	2018/01/10	PROTOTIPO	ALFA
7	2018/01/10	PROTOTIPO	ALFA
8	2018/01/10	PROTOTIPO	ALFA
9	2018/01/10	PROTOTIPO	ALFA
10	2018/01/10	PROTOTIPO	ALFA
11	2018/01/10	PROTOTIPO	ALFA
12	2018/01/10	PROTOTIPO	ALFA
13	2018/01/10	PROTOTIPO	ALFA
14	2018/01/10	PROTOTIPO	ALFA
15	2018/01/10	PROTOTIPO	ALFA
16	2018/01/10	PROTOTIPO	ALFA
17	2018/01/10	PROTOTIPO	ALFA
18	2018/01/10	PROTOTIPO	ALFA
19	2018/01/10	PROTOTIPO	ALFA
20	2018/01/10	PROTOTIPO	ALFA
21	2018/01/10	PROTOTIPO	ALFA
22	2018/01/10	PROTOTIPO	ALFA
23	2018/01/10	PROTOTIPO	ALFA
24	2018/01/10	PROTOTIPO	ALFA
25	2018/01/10	PROTOTIPO	ALFA
26	2018/01/10	PROTOTIPO	ALFA
27	2018/01/10	PROTOTIPO	ALFA
28	2018/01/10	PROTOTIPO	ALFA
29	2018/01/10	PROTOTIPO	ALFA
30	2018/01/10	PROTOTIPO	ALFA
31	2018/01/10	PROTOTIPO	ALFA
32	2018/01/10	PROTOTIPO	ALFA
33	2018/01/10	PROTOTIPO	ALFA
34	2018/01/10	PROTOTIPO	ALFA
35	2018/01/10	PROTOTIPO	ALFA
36	2018/01/10	PROTOTIPO	ALFA
37	2018/01/10	PROTOTIPO	ALFA
38	2018/01/10	PROTOTIPO	ALFA
39	2018/01/10	PROTOTIPO	ALFA
40	2018/01/10	PROTOTIPO	ALFA
41	2018/01/10	PROTOTIPO	ALFA
42	2018/01/10	PROTOTIPO	ALFA
43	2018/01/10	PROTOTIPO	ALFA
44	2018/01/10	PROTOTIPO	ALFA
45	2018/01/10	PROTOTIPO	ALFA
46	2018/01/10	PROTOTIPO	ALFA
47	2018/01/10	PROTOTIPO	ALFA
48	2018/01/10	PROTOTIPO	ALFA
49	2018/01/10	PROTOTIPO	ALFA
50	2018/01/10	PROTOTIPO	ALFA
51	2018/01/10	PROTOTIPO	ALFA
52	2018/01/10	PROTOTIPO	ALFA
53	2018/01/10	PROTOTIPO	ALFA
54	2018/01/10	PROTOTIPO	ALFA
55	2018/01/10	PROTOTIPO	ALFA
56	2018/01/10	PROTOTIPO	ALFA
57	2018/01/10	PROTOTIPO	ALFA
58	2018/01/10	PROTOTIPO	ALFA
59	2018/01/10	PROTOTIPO	ALFA
60	2018/01/10	PROTOTIPO	ALFA
61	2018/01/10	PROTOTIPO	ALFA
62	2018/01/10	PROTOTIPO	ALFA
63	2018/01/10	PROTOTIPO	ALFA
64	2018/01/10	PROTOTIPO	ALFA
65	2018/01/10	PROTOTIPO	ALFA
66	2018/01/10	PROTOTIPO	ALFA
67	2018/01/10	PROTOTIPO	ALFA
68	2018/01/10	PROTOTIPO	ALFA
69	2018/01/10	PROTOTIPO	ALFA
70	2018/01/10	PROTOTIPO	ALFA
71	2018/01/10	PROTOTIPO	ALFA
72	2018/01/10	PROTOTIPO	ALFA
73	2018/01/10	PROTOTIPO	ALFA
74	2018/01/10	PROTOTIPO	ALFA
75	2018/01/10	PROTOTIPO	ALFA
76	2018/01/10	PROTOTIPO	ALFA
77	2018/01/10	PROTOTIPO	ALFA
78	2018/01/10	PROTOTIPO	ALFA
79	2018/01/10	PROTOTIPO	ALFA
80	2018/01/10	PROTOTIPO	ALFA
81	2018/01/10	PROTOTIPO	ALFA
82	2018/01/10	PROTOTIPO	ALFA
83	2018/01/10	PROTOTIPO	ALFA
84	2018/01/10	PROTOTIPO	ALFA
85	2018/01/10	PROTOTIPO	ALFA
86	2018/01/10	PROTOTIPO	ALFA
87	2018/01/10	PROTOTIPO	ALFA
88	2018/01/10	PROTOTIPO	ALFA
89	2018/01/10	PROTOTIPO	ALFA
90	2018/01/10	PROTOTIPO	ALFA
91	2018/01/10	PROTOTIPO	ALFA
92	2018/01/10	PROTOTIPO	ALFA
93	2018/01/10	PROTOTIPO	ALFA
94	2018/01/10	PROTOTIPO	ALFA
95	2018/01/10	PROTOTIPO	ALFA
96	2018/01/10	PROTOTIPO	ALFA
97	2018/01/10	PROTOTIPO	ALFA
98	2018/01/10	PROTOTIPO	ALFA
99	2018/01/10	PROTOTIPO	ALFA
100	2018/01/10	PROTOTIPO	ALFA

PC LINUX




HISTORY			
Rev.	Mod.	Descr.	Aut.
01	1.0	1.0	1.0
02	1.1	1.1	1.1
03	1.2	1.2	1.2
04	1.3	1.3	1.3
05	1.4	1.4	1.4
06	1.5	1.5	1.5
07	1.6	1.6	1.6
08	1.7	1.7	1.7
09	1.8	1.8	1.8
10	1.9	1.9	1.9
11	2.0	2.0	2.0
12	2.1	2.1	2.1
13	2.2	2.2	2.2
14	2.3	2.3	2.3
15	2.4	2.4	2.4
16	2.5	2.5	2.5
17	2.6	2.6	2.6
18	2.7	2.7	2.7
19	2.8	2.8	2.8
20	2.9	2.9	2.9
21	3.0	3.0	3.0
22	3.1	3.1	3.1
23	3.2	3.2	3.2
24	3.3	3.3	3.3
25	3.4	3.4	3.4
26	3.5	3.5	3.5
27	3.6	3.6	3.6
28	3.7	3.7	3.7
29	3.8	3.8	3.8
30	3.9	3.9	3.9
31	4.0	4.0	4.0
32	4.1	4.1	4.1
33	4.2	4.2	4.2
34	4.3	4.3	4.3
35	4.4	4.4	4.4
36	4.5	4.5	4.5
37	4.6	4.6	4.6
38	4.7	4.7	4.7
39	4.8	4.8	4.8
40	4.9	4.9	4.9
41	5.0	5.0	5.0
42	5.1	5.1	5.1
43	5.2	5.2	5.2
44	5.3	5.3	5.3
45	5.4	5.4	5.4
46	5.5	5.5	5.5
47	5.6	5.6	5.6
48	5.7	5.7	5.7
49	5.8	5.8	5.8
50	5.9	5.9	5.9
51	6.0	6.0	6.0
52	6.1	6.1	6.1
53	6.2	6.2	6.2
54	6.3	6.3	6.3
55	6.4	6.4	6.4
56	6.5	6.5	6.5
57	6.6	6.6	6.6
58	6.7	6.7	6.7
59	6.8	6.8	6.8
60	6.9	6.9	6.9
61	7.0	7.0	7.0
62	7.1	7.1	7.1
63	7.2	7.2	7.2
64	7.3	7.3	7.3
65	7.4	7.4	7.4
66	7.5	7.5	7.5
67	7.6	7.6	7.6
68	7.7	7.7	7.7
69	7.8	7.8	7.8
70	7.9	7.9	7.9
71	8.0	8.0	8.0
72	8.1	8.1	8.1
73	8.2	8.2	8.2
74	8.3	8.3	8.3
75	8.4	8.4	8.4
76	8.5	8.5	8.5
77	8.6	8.6	8.6
78	8.7	8.7	8.7
79	8.8	8.8	8.8
80	8.9	8.9	8.9
81	9.0	9.0	9.0
82	9.1	9.1	9.1
83	9.2	9.2	9.2
84	9.3	9.3	9.3
85	9.4	9.4	9.4
86	9.5	9.5	9.5
87	9.6	9.6	9.6
88	9.7	9.7	9.7
89	9.8	9.8	9.8
90	9.9	9.9	9.9
91	10.0	10.0	10.0
92	10.1	10.1	10.1
93	10.2	10.2	10.2
94	10.3	10.3	10.3
95	10.4	10.4	10.4
96	10.5	10.5	10.5
97	10.6	10.6	10.6
98	10.7	10.7	10.7
99	10.8	10.8	10.8
100	10.9	10.9	10.9
101	11.0	11.0	11.0
102	11.1	11.1	11.1
103	11.2	11.2	11.2
104	11.3	11.3	11.3
105	11.4	11.4	11.4
106	11.5	11.5	11.5
107	11.6	11.6	11.6
108	11.7	11.7	11.7
109	11.8	11.8	11.8
110	11.9	11.9	11.9
111	12.0	12.0	12.0
112	12.1	12.1	12.1
113	12.2	12.2	12.2
114	12.3	12.3	12.3
115	12.4	12.4	12.4
116	12.5	12.5	12.5
117	12.6	12.6	12.6
118	12.7	12.7	12.7
119	12.8	12.8	12.8
120	12.9	12.9	12.9
121	13.0	13.0	13.0
122	13.1	13.1	13.1
123	13.2	13.2	13.2
124	13.3	13.3	13.3
125	13.4	13.4	13.4
126	13.5	13.5	13.5
127	13.6	13.6	13.6
128	13.7	13.7	13.7
129	13.8	13.8	13.8
130	13.9	13.9	13.9
131	14.0	14.0	14.0
132	14.1	14.1	14.1
133	14.2	14.2	14.2
134	14.3	14.3	14.3
135	14.4	14.4	14.4
136	14.5	14.5	14.5
137	14.6	14.6	14.6
138	14.7	14.7	14.7
139	14.8	14.8	14.8
140	14.9	14.9	14.9
141	15.0	15.0	15.0
142	15.1	15.1	15.1
143	15.2	15.2	15.2
144	15.3	15.3	15.3
145	15.4	15.4	15.4
146	15.5	15.5	15.5
147	15.6	15.6	15.6
148	15.7	15.7	15.7
149	15.8	15.8	15.8
150	15.9	15.9	15.9
151	16.0	16.0	16.0
152	16.1	16.1	16.1
153	16.2	16.2	16.2
154	16.3	16.3	16.3
155	16.4	16.4	16.4
156	16.5	16.5	16.5
157	16.6	16.6	16.6
158	16.7	16.7	16.7
159	16.8	16.8	16.8
160	16.9	16.9	16.9
161	17.0	17.0	17.0
162	17.1	17.1	17.1
163	17.2	17.2	17.2
164	17.3	17.3	17.3
165	17.4	17.4	17.4
166	17.5	17.5	17.5
167	17.6	17.6	17.6
168	17.7	17.7	17.7
169	17.8	17.8	17.8
170	17.9	17.9	17.9
171	18.0	18.0	18.0
172	18.1	18.1	18.1
173	18.2	18.2	18.2
174	18.3	18.3	18.3
175	18.4	18.4	18.4
176	18.5	18.5	18.5
177	18.6	18.6	18.6
178	18.7	18.7	18.7
179	18.8	18.8	18.8
180	18.9	18.9	18.9
181	19.0	19.0	19.0
182	19.1	19.1	19.1
183	19.2	19.2	19.2
184	19.3	19.3	19.3
185	19.4	19.4	19.4
186	19.5	19.5	19.5
187	19.6	19.6	19.6
188	19.7	19.7	19.7
189	19.8	19.8	19.8
190	19.9	19.9	19.9
191	20.0	20.0	20.0
192	20.1	20.1	20.1
193	20.2	20.2	20.2
194	20.3	20.3	20.3
195	20.4	20.4	20.4
196	20.5	20.5	20.5
197	20.6	20.6	20.6
198	20.7	20.7	20.7
199	20.8	20.8	20.8
200	20.9	20.9	20.9
201	21.0	21.0	21.0
202	21.1	21.1	21.1
203	21.2	21.2	21.2
204	21.3	21.3	21.3
205	21.4	21.4	21.4
206	21.5	21.5	21.5
207	21.6	21.6	21.6
208	21.7	21.7	21.7
209	21.8	21.8	21.8
210	21.9	21.9	21.9
211	22.0	22.0	22.0
212	22.1	22.1	22.1
213	22.2	22.2	22.2
214	22.3	22.3	22.3
215	22.4	22.4	22.4
216	22.5	22.5	22.5
217	22.6	22.6	22.6
218	22.7	22.7	22.7
219	22.8	22.8	22.8
220	22.9	22.9	22.9
221	23.0	23.0	23.0
222	23.1	23.1	23.1
223	23.2	23.2	23.2
224	23.3	23.3	23.3
225	23.4	23.4	23.4
226	23.5	23.5	23.5
227	23.6	23.6	23.6
228	23.7	23.7	23.7
229	23.8	23.8	23.8
230	23.9	23.9	23.9
231	24.0	24.0	24.0
232	24.1	24.1	24.1
233	24.2	24.2	24.2
234	24.3	24.3	24.3
235	24.4	24.4	24.4
236	24.5	24.5	24.5
237	24.6	24.6	24.6
238	24.7	24.7	24.7
239	24.8	24.8	24.8
240	24.9	24.9	24.9
241	25.0	25.0	25.0
242	25.1	25.1	25.1
243	25.2	25.2	25.2
244	25.3	25.3	25.3
245	25.4	25.4	25.4
246	25.5	25.5	25.5
247	25.6	25.6	25.6
248	25.7	25.7	25.7
249	25.8	25.8	25.8
250	25.9	25.9	25.9
251	26.0	26.0	26.0
252	26.1	26.1	26.1
253	26.2	26.2	26.2
254	26.3	26.3	26.3
255	26.4	26.4	26.4
256	26.5	26.5	26.5
257	26.6	26.6	26.6
258	26.7	26.7	26.7
259	26.8	26.8	26.8
260	26.9	26.9	26.9
261	27.0	27.0	27.0
262	27.1	27.1	27.1
263	27.2	27.2	27.2
264	27.3	27.3	27.3
265	27.4	27.4	27.4
266	27.5	27.5	27.5
267	27.6	27.6	27.6
268	27.7	27.7	27.7
269	27.8	27.8	27.8
270	27.9	27.9	27.9
271	28.0	28.0	28.0
272	28.1	28.1	28.1
273	28.2	28.2	28.2
274	28.3	28.3	28.3
275	28.4	28.4	28.4
276	28.5	28.5	28.5
277	28.6	28.6	28.6
278	28.7	28.7	28.7
279	28.8	28.8	28.8
280	28.9	28.9	28.9
281	29.0	29.0	29.0
282	29.1	29.1	29.1
283	29.2	29.2	29.2
284	29.3	29.3	29.3
285	29.4	29.4	29.4
286	29.5	29.5	29.5
287	29.6	29.6	29.6
288	29.7	29.7	29.7
289	29.8	29.8	29.8
290	29.9	29.9	29.9
291	30.0	30.0	30.0
292	30.1	30.1	30.1
293	30.2	30.2	30.2
294	30.3	30.3	30.3
295	30.4	30.4	30.4
296	30.5	30.5	30.5
297	30.6	30.6	30.6
298	30.7	30.7	30.7
299	30.8	30.8	30.8
300	30.9	30.9	30.9
301	31.0	31.0	31.0
302	31.1	31.1	31.1
303	31.2	31.2	31.2
304	31.3	31.3	31.3
305	31.4	31.4	31.4
306	31.5	31.5	31.5
307	31.6	31.6	31.6
308	31.7	31.7	31.7
309	31.8	31.8	31.8
310	31.9	31.9	31.9
311	32.0	32.0	32.0
312	32.1	32.1	32.1
313	32.2	32.2	32.2
314	32.3	32.3	32.3
315	32.4	32.4	32.4

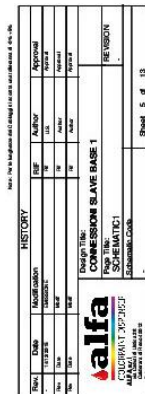
SLAVE AUTOCAP



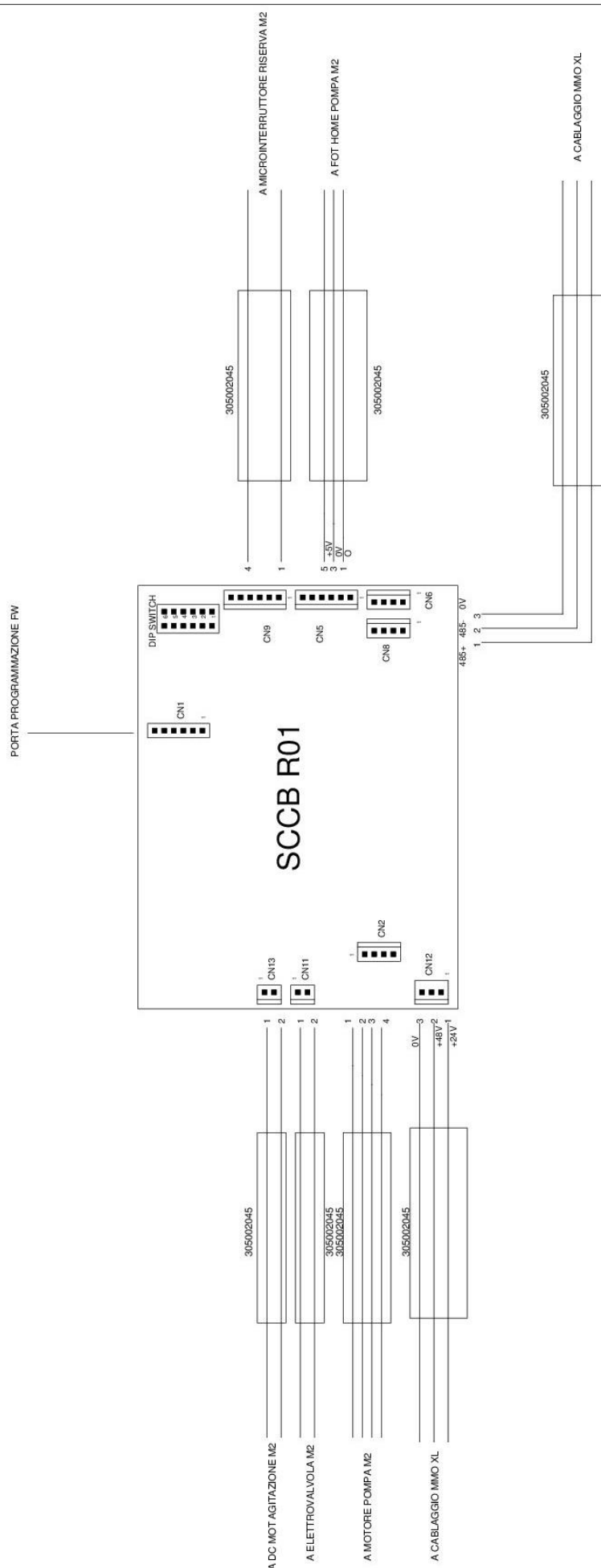
HISTORY					
Rev.	Date	Modification	REF	Author	Approval
1	11/10/2018	1	10	111	111
2	11/10/2018	2	10	111	111
3	11/10/2018	3	10	111	111
4	11/10/2018	4	10	111	111
5	11/10/2018	5	10	111	111
6	11/10/2018	6	10	111	111
7	11/10/2018	7	10	111	111
8	11/10/2018	8	10	111	111
9	11/10/2018	9	10	111	111
10	11/10/2018	10	10	111	111
11	11/10/2018	11	10	111	111
12	11/10/2018	12	10	111	111
13	11/10/2018	13	10	111	111
14	11/10/2018	14	10	111	111
15	11/10/2018	15	10	111	111
16	11/10/2018	16	10	111	111
17	11/10/2018	17	10	111	111
18	11/10/2018	18	10	111	111
19	11/10/2018	19	10	111	111
20	11/10/2018	20	10	111	111
21	11/10/2018	21	10	111	111
22	11/10/2018	22	10	111	111
23	11/10/2018	23	10	111	111
24	11/10/2018	24	10	111	111
25	11/10/2018	25	10	111	111
26	11/10/2018	26	10	111	111
27	11/10/2018	27	10	111	111
28	11/10/2018	28	10	111	111
29	11/10/2018	29	10	111	111
30	11/10/2018	30	10	111	111
31	11/10/2018	31	10	111	111
32	11/10/2018	32	10	111	111
33	11/10/2018	33	10	111	111
34	11/10/2018	34	10	111	111
35	11/10/2018	35	10	111	111
36	11/10/2018	36	10	111	111
37	11/10/2018	37	10	111	111
38	11/10/2018	38	10	111	111
39	11/10/2018	39	10	111	111
40	11/10/2018	40	10	111	111
41	11/10/2018	41	10	111	111
42	11/10/2018	42	10	111	111
43	11/10/2018	43	10	111	111
44	11/10/2018	44	10	111	111
45	11/10/2018	45	10	111	111
46	11/10/2018	46	10	111	111
47	11/10/2018	47	10	111	111
48	11/10/2018	48	10	111	111
49	11/10/2018	49	10	111	111
50	11/10/2018	50	10	111	111
51	11/10/2018	51	10	111	111
52	11/10/2018	52	10	111	111
53	11/10/2018	53	10	111	111
54	11/10/2018	54	10	111	111
55	11/10/2018	55	10	111	111
56	11/10/2018	56	10	111	111
57	11/10/2018	57	10	111	111
58	11/10/2018	58	10	111	111
59	11/10/2018	59	10	111	111
60	11/10/2018	60	10	111	111
61	11/10/2018	61	10	111	111
62	11/10/2018	62	10	111	111
63	11/10/2018	63	10	111	111
64	11/10/2018	64	10	111	111
65	11/10/2018	65	10	111	111
66	11/10/2018	66	10	111	111
67	11/10/2018	67	10	111	111
68	11/10/2018	68	10	111	111
69	11/10/2018	69	10	111	111
70	11/10/2018	70	10	111	111
71	11/10/2018	71	10	111	111
72	11/10/2018	72	10	111	111
73	11/10/2018	73	10	111	111
74	11/10/2018	74	10	111	111
75	11/10/2018	75	10	111	111
76	11/10/2018	76	10	111	111
77	11/10/2018	77	10	111	111
78	11/10/2018	78	10	111	111
79	11/10/2018	79	10	111	111
80	11/10/2018	80	10	111	111
81	11/10/2018	81	10	111	111
82	11/10/2018	82	10	111	111
83	11/10/2018	83	10	111	111
84	11/10/2018	84	10	111	111
85	11/10/2018	85	10	111	111
86	11/10/2018	86	10	111	111
87	11/10/2018	87	10	111	111
88	11/10/2018	88	10	111	111
89	11/10/2018	89	10	111	111
90	11/10/2018	90	10	111	111
91	11/10/2018	91	10	111	111
92	11/10/2018	92	10	111	111
93	11/10/2018	93	10	111	111
94	11/10/2018	94	10	111	111
95	11/10/2018	95	10	111	111
96	11/10/2018	96	10	111	111
97	11/10/2018	97	10	111	111
98	11/10/2018	98	10	111	111
99	11/10/2018	99	10	111	111
100	11/10/2018	100	10	111	111
101	11/10/2018	101	10	111	111
102	11/10/2018	102	10	111	111
103	11/10/2018	103	10	111	111
104	11/10/2018	104	10	111	111
105	11/10/2018	105	10	111	111
106	11/10/2018	106	10	111	111
107	11/10/2018	107	10	111	111
108	11/10/2018	108	10	111	111
109	11/10/2018	109	10	111	111
110	11/10/2018	110	10	111	111
111	11/10/2018	111	10	111	111
112	11/10/2018	112	10	111	111
113	11/10/2018	113	10	111	111
114	11/10/2018	114	10	111	111
115	11/10/2018	115	10	111	111
116	11/10/2018	116	10	111	111
117	11/10/2018	117	10	111	111
118	11/10/2018	118	10	111	111
119	11/10/2018	119	10	111	111
120	11/10/2018	120	10	111	111
121	11/10/2018	121	10	111	111
122	11/10/2018	122	10	111	111
123	11/10/2018	123	10	111	111
124	11/10/2018	124	10	111	111
125	11/10/2018	125	10	111	111
126	11/10/2018	126	10	111	111
127	11/10/2018	127	10	111	111
128	11/10/2018	128	10	111	111
129	11/10/2018	129	10	111	111
130	11/10/2018	130	10	111	111
131	11/10/2018	131	10	111	111
132	11/10/2018	132	10	111	111
133	11/10/2018	133	10	111	111
134	11/10/2018	134	10	111	111


		CONNECTION SLAVE AUTOCAP		REASON	
CRAFTED BY DCCF		Fase Film:		REASON	
AUTOCAP 1		SCHEMATIC		REASON	
AUTOCAP 2		AUTOCAP 3		REASON	
AUTOCAP 4		AUTOCAP 5		REASON	
AUTOCAP 6		AUTOCAP 7		REASON	
AUTOCAP 8		AUTOCAP 9		REASON	
AUTOCAP 10		AUTOCAP 11		REASON	
AUTOCAP 12		AUTOCAP 13		REASON	
AUTOCAP 14		AUTOCAP 15		REASON	
AUTOCAP 16		AUTOCAP 17		REASON	
AUTOCAP 18		AUTOCAP 19		REASON	
AUTOCAP 20		AUTOCAP 21		REASON	
AUTOCAP 22		AUTOCAP 23		REASON	
AUTOCAP 24		AUTOCAP 25		REASON	
AUTOCAP 26		AUTOCAP 27		REASON	
AUTOCAP 28		AUTOCAP 29		REASON	
AUTOCAP 30		AUTOCAP 31		REASON	
AUTOCAP 32		AUTOCAP 33		REASON	
AUTOCAP 34		AUTOCAP 35		REASON	
AUTOCAP 36		AUTOCAP 37		REASON	
AUTOCAP 38		AUTOCAP 39		REASON	
AUTOCAP 40		AUTOCAP 41		REASON	
AUTOCAP 42		AUTOCAP 43		REASON	
AUTOCAP 44		AUTOCAP 45		REASON	
AUTOCAP 46		AUTOCAP 47		REASON	
AUTOCAP 48		AUTOCAP 49		REASON	
AUTOCAP 50		AUTOCAP 51		REASON	
AUTOCAP 52		AUTOCAP 53		REASON	
AUTOCAP 54		AUTOCAP 55		REASON	
AUTOCAP 56		AUTOCAP 57		REASON	
AUTOCAP 58		AUTOCAP 59		REASON	
AUTOCAP 60		AUTOCAP 61		REASON	
AUTOCAP 62		AUTOCAP 63		REASON	
AUTOCAP 64		AUTOCAP 65		REASON	
AUTOCAP 66		AUTOCAP 67		REASON	
AUTOCAP 68		AUTOCAP 69		REASON	
AUTOCAP 70		AUTOCAP 71		REASON	
AUTOCAP 72		AUTOCAP 73		REASON	
AUTOCAP 74		AUTOCAP 75		REASON	
AUTOCAP 76		AUTOCAP 77		REASON	
AUTOCAP 78		AUTOCAP 79		REASON	
AUTOCAP 80		AUTOCAP 81		REASON	
AUTOCAP 82		AUTOCAP 83		REASON	
AUTOCAP 84		AUTOCAP 85		REASON	
AUTOCAP 86		AUTOCAP 87		REASON	
AUTOCAP 88		AUTOCAP 89		REASON	
AUTOCAP 90		AUTOCAP 91		REASON	
AUTOCAP 92		AUTOCAP 93		REASON	
AUTOCAP 94		AUTOCAP 95		REASON	
AUTOCAP 96		AUTOCAP 97		REASON	
AUTOCAP 98		AUTOCAP 99		REASON	
AUTOCAP 100		AUTOCAP 101		REASON	
AUTOCAP 102		AUTOCAP 103		REASON	
AUTOCAP 104		AUTOCAP 105		REASON	
AUTOCAP 106		AUTOCAP 107		REASON	
AUTOCAP 108		AUTOCAP 109		REASON	
AUTOCAP 110		AUTOCAP 111		REASON	
AUTOCAP 112		AUTOCAP 113		REASON	
AUTOCAP 114		AUTOCAP 115		REASON	
AUTOCAP 116		AUTOCAP 117		REASON	
AUTOCAP 118		AUTOCAP 119		REASON	
AUTOCAP 120		AUTOCAP 121		REASON	
AUTOCAP 122		AUTOCAP 123		REASON	
AUTOCAP 124		AUTOCAP 125		REASON	
AUTOCAP 126		AUTOCAP 127		REASON	
AUTOCAP 128		AUTOCAP 129		REASON	
AUTOCAP 130		AUTOCAP 131		REASON	
AUTOCAP 132		AUTOCAP 133		REASON	
AUTOCAP 134		AUTOCAP 135		REASON	
AUTOCAP 136		AUTOCAP 137		REASON	
AUTOCAP 138		AUTOCAP 139		REASON	
AUTOCAP 140		AUTOCAP 141		REASON	
AUTOCAP 142		AUTOCAP 143		REASON	
AUTOCAP 144		AUTOCAP 145		REASON	
AUTOCAP 146		AUTOCAP 147		REASON	
AUTOCAP 148		AUTOCAP 149		REASON	
AUTOCAP 150		AUTOCAP 151		REASON	
AUTOCAP 152		AUTOCAP 153		REASON	
AUTOCAP 154		AUTOCAP 155		REASON	
AUTOCAP 156		AUTOCAP 157		REASON	
AUTOCAP 158		AUTOCAP 159		REASON	
AUTOCAP 160		AUTOCAP 161		REASON	
AUTOCAP 162		AUTOCAP 163		REASON	
AUTOCAP 164		AUTOCAP 165		REASON	
AUTOCAP 166		AUTOCAP 167		REASON	
AUTOCAP 168		AUTOCAP 169		REASON	
AUTOCAP 170		AUTOCAP 171		REASON	
AUTOCAP 172		AUTOCAP 173		REASON	
AUTOCAP 174		AUTOCAP 175		REASON	
AUTOCAP 176		AUTOCAP 177		REASON	
AUTOCAP 178		AUTOCAP 179		REASON	
AUTOCAP 180		AUTOCAP 181		REASON	
AUTOCAP 182		AUTOCAP 183		REASON	
AUTOCAP 184		AUTOCAP 185		REASON	
AUTOCAP 186		AUTOCAP 187		REASON	
AUTOCAP 188		AUTOCAP 189		REASON	
AUTOCAP 190		AUTOCAP 191		REASON	
AUTOCAP 192		AUTOCAP 193		REASON	
AUTOCAP 194		AUTOCAP 195		REASON	
AUTOCAP 196		AUTOCAP 197		REASON	
AUTOCAP 198		AUTOCAP 199		REASON	
AUTOCAP 200		AUTOCAP 201		REASON	
AUTOCAP 202		AUTOCAP 203		REASON	
AUTOCAP 204		AUTOCAP 205		REASON	
AUTOCAP 206		AUTOCAP 207		REASON	
AUTOCAP 208		AUTOCAP 209		REASON	
AUTOCAP 210		AUTOCAP 211		REASON	
AUTOCAP 212		AUTOCAP 213		REASON	
AUTOCAP 214		AUTOCAP 215		REASON	
AUTOCAP 216		AUTOCAP			

PORTA PROGRAMMAZIONE FW



SLAVE MASTER 2

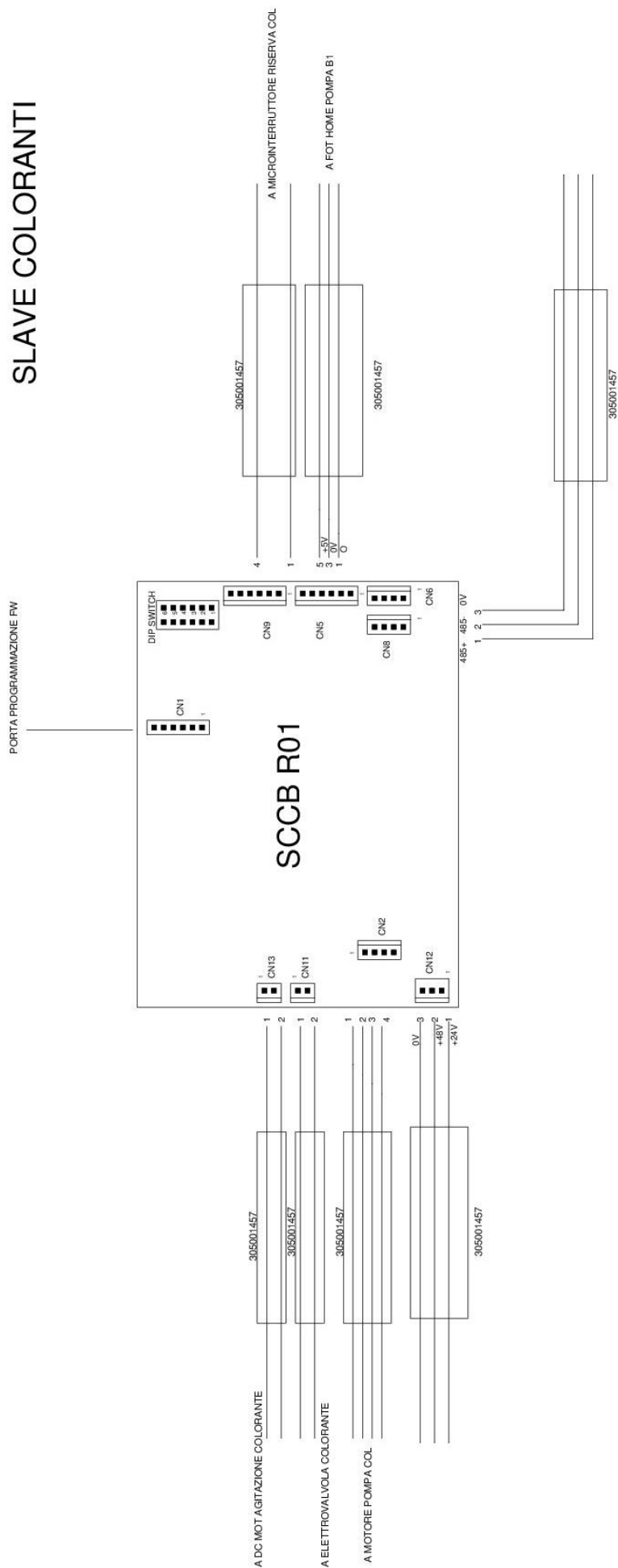


 CONSUMPTIVO PER OFFICE ALFA 1000 L / 1000000		Design Title: CONNECTIONS SLAVE BASE 2		Revision: -	
Rev	Date	DESCRIPTION	RF#	Author	Approval
1.0	11/10/2018	1000000000	10	U.S.	U.S.
2.0	08/04/2019	1000000000	10	U.S.	U.S.
3.0	08/04/2019	1000000000	10	U.S.	U.S.

[illegible]

CONNESSIONI GRUPPO COLORANTE VALIDO PER CIASCUN GRUPPO PRESENTE IN MACCHINA

SLAVE COLORANTI



HISTORY			
Form	Date	Modification	
Rev. 001	2010-01-20	01.0	
Rev. 002	2010-01-20	01.0	
Rev. 003	2010-01-20	01.0	
Rev. 004	2010-01-20	01.0	
Rev. 005	2010-01-20	01.0	
Rev. 006	2010-01-20	01.0	
Rev. 007	2010-01-20	01.0	
Rev. 008	2010-01-20	01.0	
Rev. 009	2010-01-20	01.0	
Rev. 010	2010-01-20	01.0	
Rev. 011	2010-01-20	01.0	
Rev. 012	2010-01-20	01.0	
Rev. 013	2010-01-20	01.0	
Rev. 014	2010-01-20	01.0	
Rev. 015	2010-01-20	01.0	
Rev. 016	2010-01-20	01.0	
Rev. 017	2010-01-20	01.0	
Rev. 018	2010-01-20	01.0	
Rev. 019	2010-01-20	01.0	
Rev. 020	2010-01-20	01.0	
Rev. 021	2010-01-20	01.0	
Rev. 022	2010-01-20	01.0	
Rev. 023	2010-01-20	01.0	
Rev. 024	2010-01-20	01.0	
Rev. 025	2010-01-20	01.0	
Rev. 026	2010-01-20	01.0	
Rev. 027	2010-01-20	01.0	
Rev. 028	2010-01-20	01.0	
Rev. 029	2010-01-20	01.0	
Rev. 030	2010-01-20	01.0	
Rev. 031	2010-01-20	01.0	
Rev. 032	2010-01-20	01.0	
Rev. 033	2010-01-20	01.0	
Rev. 034	2010-01-20	01.0	
Rev. 035	2010-01-20	01.0	
Rev. 036	2010-01-20	01.0	
Rev. 037	2010-01-20	01.0	
Rev. 038	2010-01-20	01.0	
Rev. 039	2010-01-20	01.0	
Rev. 040	2010-01-20	01.0	
Rev. 041	2010-01-20	01.0	
Rev. 042	2010-01-20	01.0	
Rev. 043	2010-01-20	01.0	
Rev. 044	2010-01-20	01.0	
Rev. 045	2010-01-20	01.0	
Rev. 046	2010-01-20	01.0	
Rev. 047	2010-01-20	01.0	
Rev. 048	2010-01-20	01.0	
Rev. 049	2010-01-20	01.0	
Rev. 050	2010-01-20	01.0	
Rev. 051	2010-01-20	01.0	
Rev. 052	2010-01-20	01.0	
Rev. 053	2010-01-20	01.0	
Rev. 054	2010-01-20	01.0	
Rev. 055	2010-01-20	01.0	
Rev. 056	2010-01-20	01.0	
Rev. 057	2010-01-20	01.0	
Rev. 058	2010-01-20	01.0	
Rev. 059	2010-01-20	01.0	
Rev. 060	2010-01-20	01.0	
Rev. 061	2010-01-20	01.0	
Rev. 062	2010-01-20	01.0	
Rev. 063	2010-01-20	01.0	
Rev. 064	2010-01-20	01.0	
Rev. 065	2010-01-20	01.0	
Rev. 066	2010-01-20	01.0	
Rev. 067	2010-01-20	01.0	
Rev. 068	2010-01-20	01.0	
Rev. 069	2010-01-20	01.0	
Rev. 070	2010-01-20	01.0	
Rev. 071	2010-01-20	01.0	
Rev. 072	2010-01-20	01.0	
Rev. 073	2010-01-20	01.0	
Rev. 074	2010-01-20	01.0	
Rev. 075	2010-01-20	01.0	
Rev. 076	2010-01-20	01.0	
Rev. 077	2010-01-20	01.0	
Rev. 078	2010-01-20	01.0	
Rev. 079	2010-01-20	01.0	
Rev. 080	2010-01-20	01.0	
Rev. 081	2010-01-20	01.0	
Rev. 082	2010-01-20	01.0	
Rev. 083	2010-01-20	01.0	
Rev. 084	2010-01-20	01.0	
Rev. 085	2010-01-20	01.0	
Rev. 086	2010-01-20	01.0	
Rev. 087	2010-01-20	01.0	
Rev. 088	2010-01-20	01.0	
Rev. 089	2010-01-20	01.0	
Rev. 090	2010-01-20	01.0	
Rev. 091	2010-01-20	01.0	
Rev. 092	2010-01-20	01.0	
Rev. 093	2010-01-20	01.0	
Rev. 094	2010-01-20	01.0	
Rev. 095	2010-01-20	01.0	
Rev. 096	2010-01-20	01.0	
Rev. 097	2010-01-20	01.0	
Rev. 098	2010-01-20	01.0	
Rev. 099	2010-01-20	01.0	
Rev. 100	2010-01-20	01.0	

