Installation-Manual
Option-Box (INTA 02)

MV-Serie

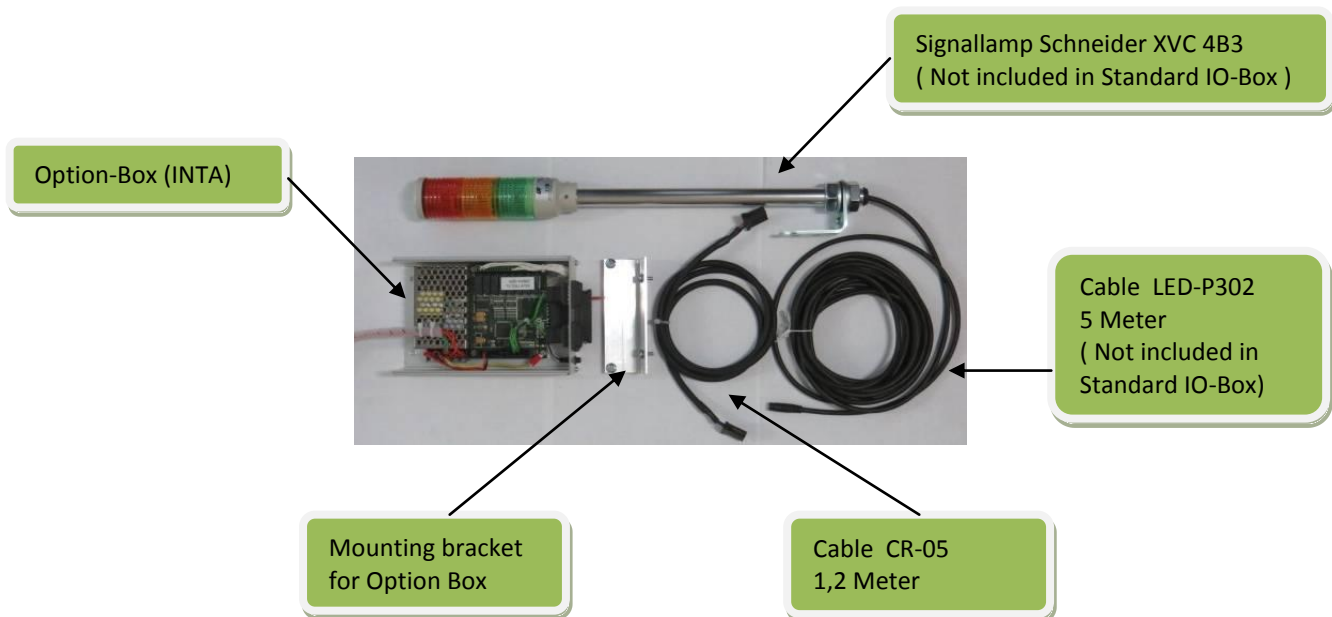Picture shows the Option with LED Light!

Table of contents

1. List of Material

Please check before Installation for completeness!

Signallamp Schneider XVC 4B3
(Not included in Standard IO-Box)

Option-Box (INTA)

Cable LED-P302
5 Meter
(Not included in
Standard IO-Box)

Mounting bracket
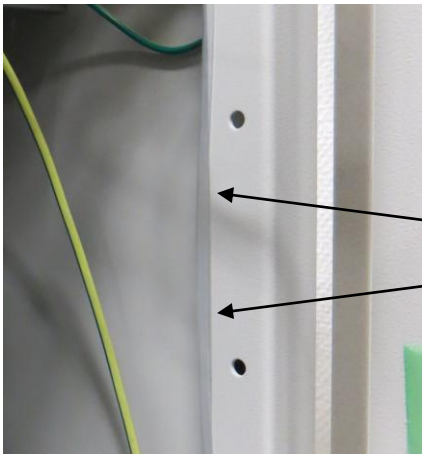for Option Box

Cable CR-05
1,2 Meter

2. Installation of Option Box

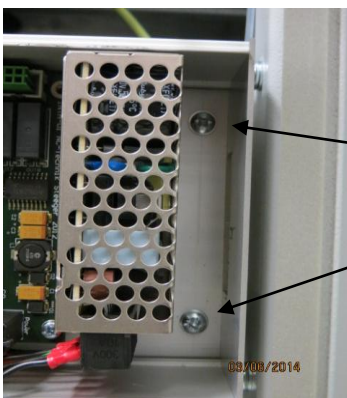### 2.1   Installation of mounting bracket and Option Box
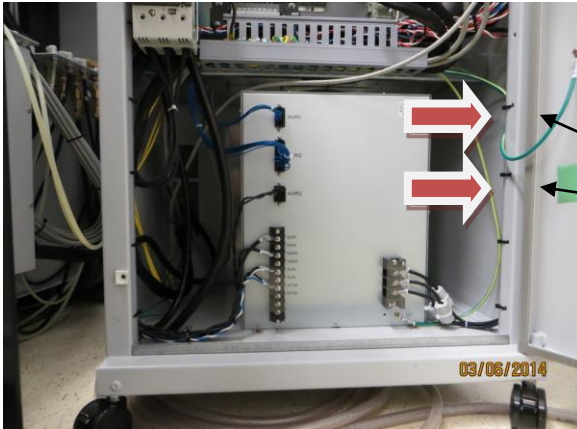
Remove the two cable ties

Loosen the edge protecting profile to install the mounting bracket flush to the metal
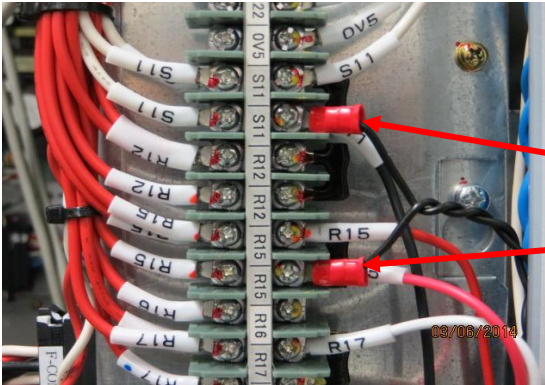

Install the mounting bracket with the two M5 Screws

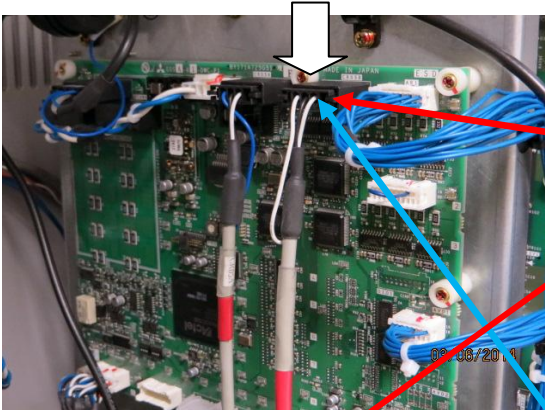Install the option box with the two M4 screws

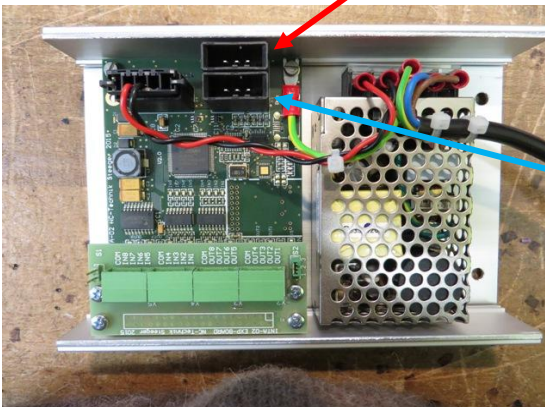## 2.2   Connection of the Option Box to Power supply

Connect the two wires from the power supply cable to R15 + S11. (100VAC)

Connect Ground to the metal-plate.

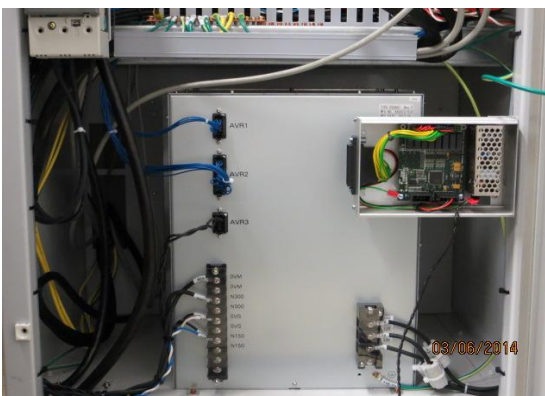## 2.3   Connection of the Option Box to the Databus

Disconnect the right connector (CR-05) from the oszillationcard and plug it to the upper socket on the option box.
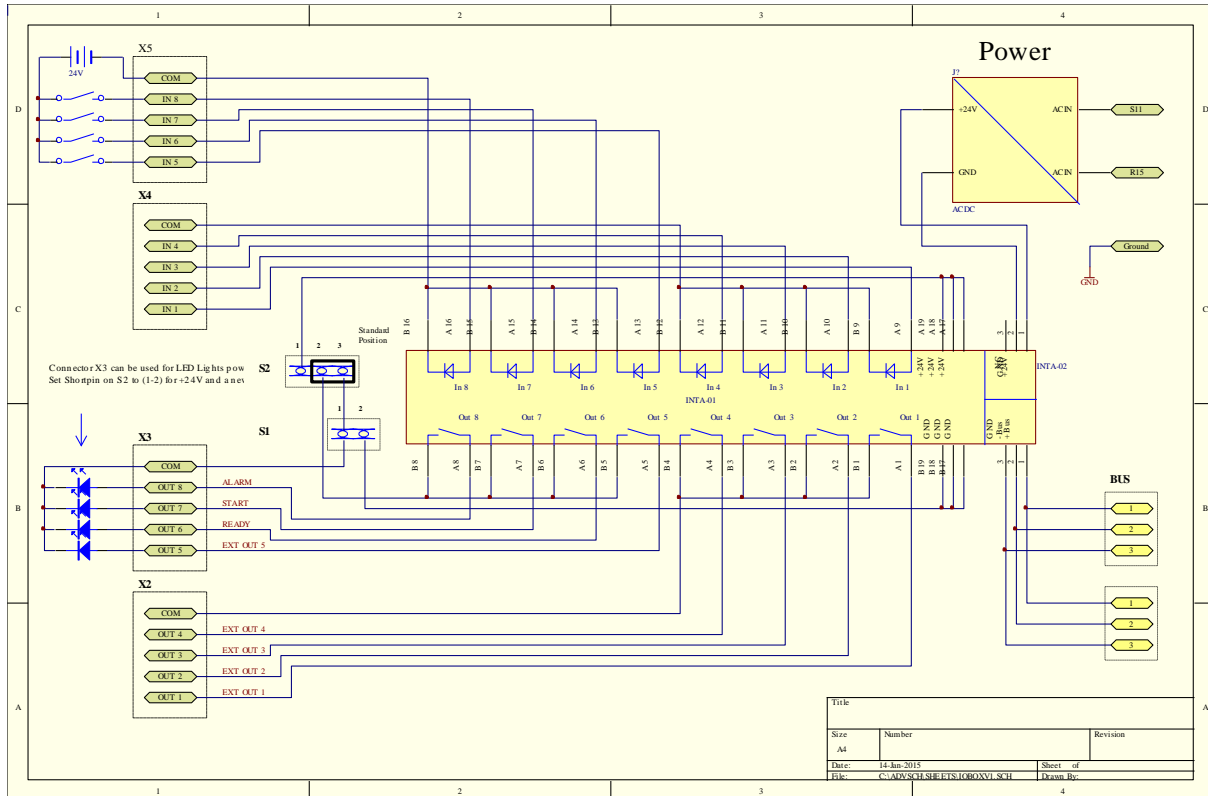

Now connect the free CR-05 socket on the oszillationcard with the cable "CR05-1.2Meter" to the lower socket on the option box.

Don't forget to fix all cables in the generator cabinet with cable ties!
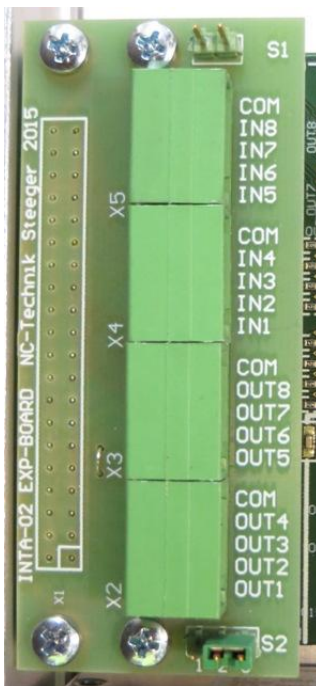
3. Drawings and Specifications

3.1   Drawing Option Box INTA-02

3.2 Specifications

Install the Signallight at X3 and check the Shortpins:
S1: SET
S2: 1-2
Now the Signallight is powered by this interface.
>> Also Out5 is powered by the interface !! <<

For potential free output (5-8)
S1: NOT SET
S2: 2-3

Out 1-4 is potential free!

Specifications:

- Max Wirediameter = 0,5mm²

- Max Current for LED's = 0,5A

- Outputs Relaiscontacts: 30V 1A

- Input Signals 24V (12V-28V max)

4. Programing Examples

4.1 Outputs

Outputs 1-5 can be set with M-Code M60 – M69

Pin	Name	Bit	Set Signal (1)	Clear Signal (0)
X2-1	Ext Out 1	0	M60	M61
X2-2	Ext Out 2	1	M62	M63
X2-3	Ext Out 3	2	M64	M65
X2-4	Ext Out 4	3	M66	M67
X3-1	Ext Out 5	4	M68	M69
X3-2	System Ready		On with Ready On	--
X3-3	Start		On during Program Running	--
X3-4	Alarm		On with Alarm	--

Example:

```
%
M60        / Extern Out 1 On
M62        / Extern Out 2 On
G04X5.
M63        / Extern Out 2 Off
M61        / Extern Out 1 Off
M02
%
```