AN : UnLocking supervisor In order to Switch from 5.x to 20.x or 20.x to 5.x programs.

2014/10/01 Linossier

1. Program types.

The IRS can run in **Voltage regulation mode**. This mode correspond to FW 10.x and 20.x.

In this case the inner configuration of the Software is set to Hardware version 101.

	PWR24 Hardw	are Settings	-			×
v F	Identification				Current Configuration	New Configuration
	Hardware Versig	1: 101	>	🔲 Update	Running Mode :	Running Mode :
	MainMaxVolts : 817			V (700 · 900 V)	Single Cycle	Single Cycle
н.	MainMaxAmps: 0		A (10 -20 A)			C Phase Angle
н.	ID :	IRS-W0-2	20-03-3952		Always use Bnom	Always use Bnom
u Update !						
					Broken Lamp :	Broken Lamp :
	- SrvVoltages	2	Nominal Powers		Factor: 0 %	Factor : 200 %
	New-	Current	Nev		Tick :	Tick : 16 💌
	1: 0		1:	0 0	Burst Firing :	Burst Firing :
	2: 0	0	2:	0 0	Threshold: 1	Threshold:
	3: 0	0	3:	0 0	Power: 600 W	Power: 500 W
	4: 0	0	4:	0 0		1 000 0
	5: 0		5:	0 0		
	6: 0	0	6:	0 0		
	7: 0	0	7:	0 0		
н.	8: 0	0	8:	0 0		
н.	9: 0		9:			
	10: 0		10:			
	11: 0		11:			
	12: 0		12:		1	
d					Get Current Conf.	Update <u>C</u> lose
s	0	Set All		U Set All		
ĮΕ						

The other option is to run in **Power regulation mode**. This mode is used by Fw version 5.x

The hardware version is set to 20.

PW	R24 Hardw	are Settings	10.00			×
ldentifi	ication	\sim			Current Configuration	New Configuration
Hard	ware Version	v 20	20	🔽 Update	Running Mode :	- Running Mode :
MainMaxVolts : 817 817 V (700 - 900 V)			700 - 900 V)	Single Cycle	 Single Cycle 	
Main	MaxAmps :	1610	16 10	A (10 -20 A)		C Phase Angle
ID :		PWR TES	T		Always use Brom	
	Update !	PWR TES	T			
					Broken Lamp :	Broken Lamp :
⊢ SrvV	'oltages		- Nominal Power	s	Factor: 200 %	Factor: 200 %
	New	Current	New-		Tick : 16	Tick : 16 💌
1:	400	400	1: 3000	3000	Burst Firing :	Burst Firing :
2:	400	400	2: 2500	2500	Threshold : 20	Threshold : 20
3:	400	400	3: 2500	2500	Power: 2000 W	Power: 2000 W
4:	400	400	4: 2500	2500	,	
5:	400	400	5: 2500	2500		
6:	400	400	6: 2500	2500		
7:	400	400	7: 2500	2500		
8:	400	400	8: 2500	2500		
9:	400	400	9: 2500	2500		
10:	400	400	10: 2500	2500		
11:	400	400	11: 2500	2500		
12:	400	400	12: 2500	2500	Get Current Conf	Lindate Close
	400	Set All	2500	Set All		

2. SWITCHING BETWEEN MODES

Usually the user doesn't have to change the firmware type, the choice is done by the machine manufacturer.

You should note also that the profibus DP datagram is different for firmware 5.x and 10.x/20.x

However, if It is, for some reason, necessary to switch between Firmwares, then the Upgrade of the firmware from Version 5.x to 10.x/20.x or 10.x/20.x to 5.x must be done in 2 steps.

- Uploading the Firmware use the supervisor program. Tools > Upload.
- After full upload and reboot, changing the HW setting in the Hardware settings panel.

The second steps is not allowed in the default configuration of the supervisor

In order to have access to the HW setting, the user must unlock the supervisor

3. Unlocking the supervisor

Open the registry editor using REGEDIT.exe or REGEDT32.exe accessible from the start menu on Windows.

The open the folder where are stored the information about the OLICORP Supervisor Program

 \rightarrow Local Machine > Software > Vb and VBA > OlicorpPWR24COM > General

Add the string value : HardInfoUpdateAllowed2 with true value

Note : Take care of the case for characters. H, I, U, A must be uppercase.

Fichier Edition Affichage Favoris	?				
🖓 🕛 QtProject	*	Nom	Туре	Données	4
Realtek		ab (par défaut)	REG SZ	(valeur non définie)	
> 🦺 Skype		ab AlarmLevel	REG SZ	2	
Softonic		ab COMPort	REG_SZ	2	
Sogoulnput		ab CSVDir	REG_SZ	C:\	
Sogoulnput.ppup		ab DemoAppliedPower	REG_SZ	500	
Solidworks		ab DemoEventPeriod	REG_SZ	1000	8
Storm		ab HardInfoUpdateAllowed2	REG SZ	true	
Tencent		ab LastDownloadedFile	REG SZ	C:\fw20.19.olc	
		ab LastSetAlwaysUseRnom	REG_SZ	Faux	
Thunder Network		ab LastSetBLFactor	REG_SZ	200	
Trolltech		ab LastSetBurstFiringPower	REG_SZ	3000	
VB and VBA Program Settings		ab LastSetBurstFiringThreshold	REG_SZ	30	
Euro Add-in OlicorpPWR24COM General		ab LastSetFlashPnom0	REG_SZ	3000	
		ab LastSetFlashPnom1	REG_SZ	3000	
		ab LastSetFlashPnom10	REG_SZ	3000	
Settings		ab LastSetFlashPnom11	REG_SZ	3000	
Wajam WinRAR WinRAR SFX WinRAR SFX System System		ab LastSetFlashPnom2	REG_SZ	3000	
		ab LastSetFlashPnom3	REG_SZ	3000	
		ab LastSetFlashPnom4	REG_SZ	3000	
		ab LastSetFlashPnom5	REG_SZ	3000	
		ab LastSetFlashPnom6	REG_SZ	3000	
		ab LastSetFlashPnom7	REG_SZ	3000	
		ab LastSetFlashPnom8	REG_SZ	3000	
KEY LISERS		ab LastSetFlashPnom9	REG_SZ	3000	
KEY CURRENT CONFIG		ab LastSetFlashVsrv0	REG_SZ	400	
	*	ab 1 actSatFlachVcn/1	REG S7	400	

Ordinateur\HKEY_CURRENT_USER\Software\VB and VBA Program Settings\OlicorpPWR24COM\General