

CS Bulletin AS-1004 REV1

“Generator Run” Alarm setting change from NO to NC

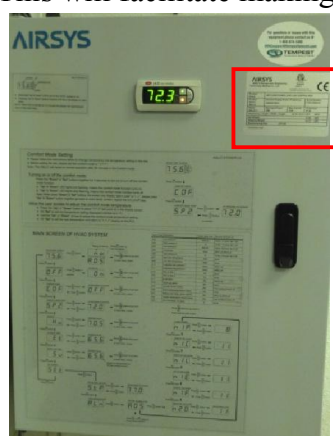
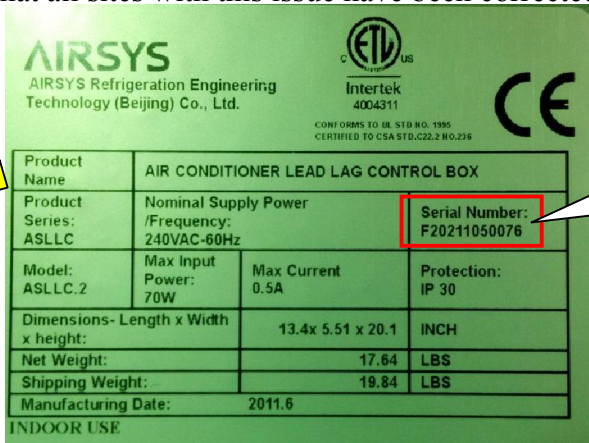
August 8, 2013

RE: This bulletin is to notify Shelter OEMs, AIRSYS Authorized service companies, and VzW field personnel with New Build AIRSYS HVAC equipment, that the AIRSYS Lead/Lag controller setting for the input Generator Run (**GR**) signal should be set to NC (Normally Closed). Bulletin describes the issue and resolution.

NOTE: No adjustment is needed on New VFP shelters unless the **GR** signal was connected after site delivery to the ASLLC.2 controller configured as NC (opens when generator runs)

IMPORTANT: Collect and report controller serial # & building serial #

When making the correction on site, collect the ASLLC.2 controller serial number and Building serial number for all controllers that have been adjusted and send that information to: HVACSupport@tempesttelecom.com. This will facilitate making sure that all sites with this issue have been corrected.

Controller serial number EXAMPLE: F20211050076

Product Name: AIR CONDITIONER LEAD LAG CONTROL BOX			
Product Series: ASLLC.2	Nominal Supply Power /Frequency: 240VAC-60Hz		Serial Number: F20211050076
Model: ASLLC.2	Max Input Power: 70W	Max Current: 0.5A	Protection: IP 30
Dimensions- Length x Width x height:		13.4x 5.51 x 20.1	INCH
Net Weight:		17.64	LBS
Shipping Weight:		19.84	LBS
Manufacturing Date:		2011.6	

Email for Single Site GR signal adjustment completion

This message has not been sent.

To: HVACSupport@TempestTelecom.com

Cc:

Bcc:

Subject: GR Updated F20211050076 (Fibrebond) #38732

ASLLC.2 Serial number

Building Manufacturer & Serial Number

Contact info of person completing adjustment

(name)

(phone-#)

(Company)

(Title)

(Date-update-was-completed)

(Site-name-and-address)

Email for Multi- Site GR signal adjustment completion

This message has not been sent.

To: HVACSupport@TempestTelecom.com

Cc:

Bcc:

Subject: GR Updated multi-site

#	ASLLC.2 serial #	GR Signal Adjustment Completed By				Date Completed	Bldg Info		Site Info	
		Name	Phone	Company	Title		OEM	Serial #	VzW Site Name	Site address
1	F20211050076	John Bucko	(xxx)xxx-xxxx	VzWc	Field Eng	8/21/13	Cellxion	SVWS1124840	Downtown Canton	117 Main St, Canton OH, 44641
2	F20211050078	Jane Doe	(xxx)xxx-xxxx	HVAC Service INC.	Service Tech	8/21/13	Cellxion	SVWS1124872	Fairlawn East	375 Ghent Road Fairlawn, OH 44333
3	Etc.									

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I. Bulletin Distribution:

- Shelter manufacturers purchasing AIRSYS HVAC systems
- VzW HQ-EOS
- Operations personnel with New Site Builds deployed in 2013 equipped with AIRSYS HVAC systems
- AIRSYS Authorized Service contractors

II. ISSUE Details:

New shelters outfitted with AIRSYS HVAC systems have been shipping with the AIRSYS Lead/Lag controller setting for the Generator Run (**GR**) Input Signal set to NO (Normally Open).

The VzW Cell Site Shelter Standards (see “Alarm Block Low Voltage Wiring Schematic E501” attached) specifies that the signal supplied by the generator is set to NC (Normally Closed).

This standard describes the following **GR** Form C contact behavior as follows:

- Generator OFF – **GR** Signal is CLOSED
- Generator ON – **GR** Signal is OPEN (in alarm condition)

This means the setting on the ASLLC.2 controller is the opposite of the behavior of the signal and needs to be changed.

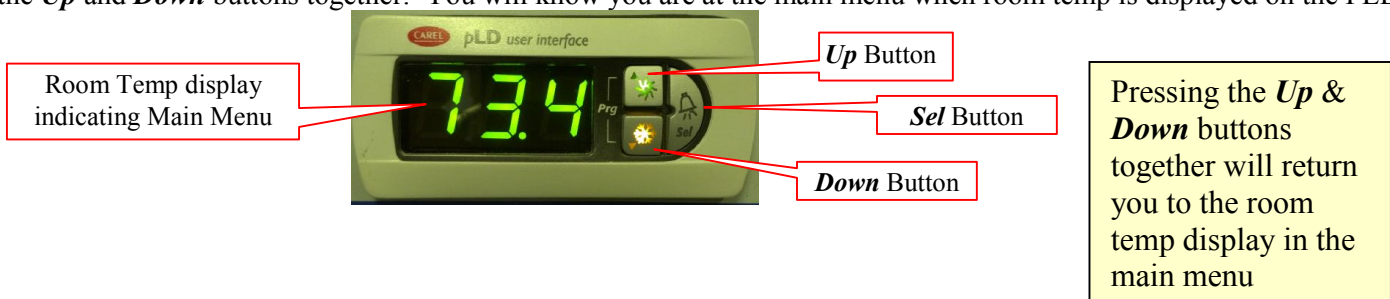
III. RESOLUTION:

NOTE: This resolution applies to all AIRSYS HVAC systems that have a **GR** signal connected to #42 & #5 in the terminal block of the ASLLC.2 that is set to **NC**. This should include all 2013 New Site Builds with AIRSYS HVACs

To make the required adjustment an individual needs to access the D Menu via the PLD (Programmable LED Display) and change the **d G t** parameter from NO to NC. Listed below are the detailed steps to do so.

1. With 230 VAC applied to the ASLLC.2 Lead/Lag controller, ensure the system is on the main menu (room temperature displayed on the PLD). From the room Temp display use the **Up** button to show **S E t** on the display. .
2. After the terminal displays **S E t**, press the **Up** and **Sel** buttons simultaneously to enter into the D menu.

NOTE: If done correctly **t E S C O d** or **S F t** will appear on the display. If not this means that one button engaged before the other and you should start over from the main menu. To return to the main menu and start over press the **Up** and **Down** buttons together. You will know you are at the main menu when room temp is displayed on the PLD.



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Table 1: Installation Menu (D)

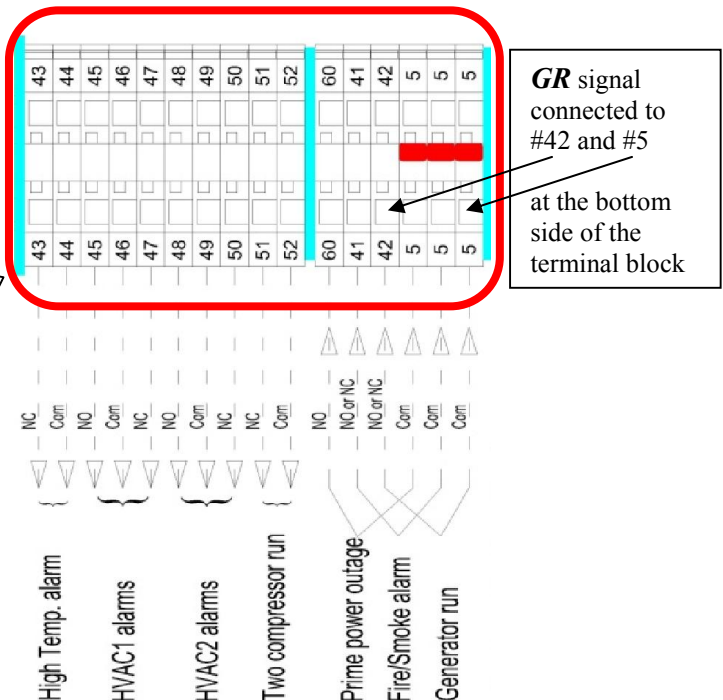
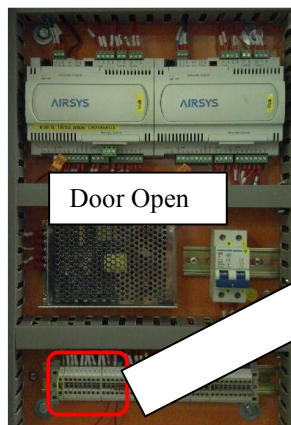
Ref	Display	R/W	Description	Unit	Range	Default
D-1	EE5	R/W	Device test, displays when the unit has been turned off using the PLD interface		On/off	Off
D-2	CDd	R	Device test code, displays when the unit has been turned off using the PLD interface		0-8	0
D-3	SFE	R/W	Fire/Smoke alarm input		NC/NO	NC
D-4	dGt	R/W	Generator Run status input		NC/NO	NO
D-5	zCe	R/W	Two compressor run status output		NO/NO	NC
D-6	PUt	R/W	WPU1/WPU2 lockout output		NC/NO	
D-7	HtE	R/W	High temperature alarm output		NC/NO	NC
D-7	rDt	R/W	Lead/Lag WPU rotation		YES/NO	NO

Change **dGt** to NC

3. Once in the D Menu use the **Down** button to display the **dGt** parameter.
4. Once the **dGt** parameter is displayed press the **Sel** button. The display should show **nD**.
5. Use the **Up** button to change the display to **nC** and then hit the **Sel** button to confirm the selection.
6. Press the **Up** and **Down** buttons together to return to the room temperature display (main menu)

IV. REFERENCE INFORMATION

ASLLC.2 Lead/Lag controller



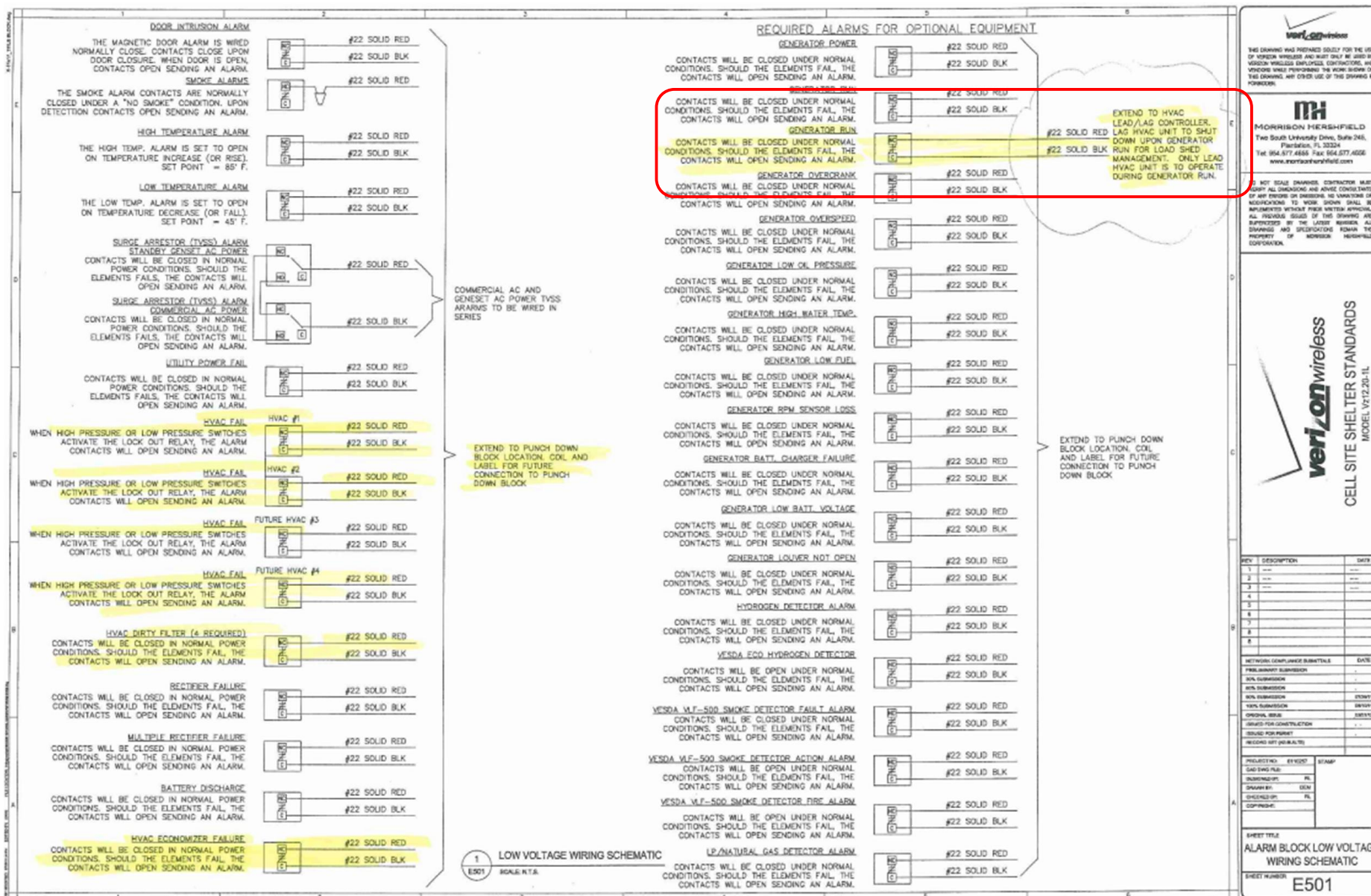
For questions please contact the Tempest HVAC Support Line:
 (805) 879-5432
 /(855) 874-5380
HVACSupport@tempesttelecom.com

AIRSYS “Basic Operating Guidelines” Training is available on-line to all VzW personnel & approved contractors. Contact us at :HVACSupport@tempesttelecom.com to sign up (~ 30 mins on-line)

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verizon wireless
CELL SITE SHELTER STANDARDS
MODEL V12120-1L

REV	DESCRIPTION	DATE
1	---	---
2	---	---
3	---	---
4	---	---
5	---	---
6	---	---
7	---	---
8	---	---

NETWORK COMPLIANCE SUBMITTALS	DATE
PERMITS SUBMISSION	---
90% SUBMISSION	---
80% SUBMISSION	---
50% SUBMISSION	---
30% SUBMISSION	---
CONSTRUCTION	---
AS-BUILT FOR CONSTRUCTION	---
SIGNAL FOR PERMIT	---
RECORD SET (90%+)	---

PROJECT NO.	REVISED	STAMP
SAC ENG FILE	---	---
DESIGNED BY	---	---
DRAWN BY	---	---
CHECKED BY	---	---
COPYING	---	---

SHEET TITLE
ALARM BLOCK LOW VOLTAGE WIRING SCHEMATIC

SHEET NUMBER
E501