



Software Version Release Note

From v00_25 to v00_26

“The official updated version of this document can be found on the CAF POWER & AUTOMATION server. Any printed copy is an **UNCONTROLLED COPY.**”

Prepared by:	Reviewed by:	Approved by:
Ion Sagarzazu	Alfonso Albo	Alfonso Albo

© CAF POWER & AUTOMATION, S.L.

This document is the property of CAF POWER & AUTOMATION, S.L. and the information contained herein is confidential and shall not be used for any purpose other than the previously agreed purposes. Any reproduction, transmission or use of this document or of any of its contents is prohibited unless express written authorisation from CAF POWER & AUTOMATION, S.L. is obtained.

Content

1.	Edition Control.....	3
1.1.	Edition Control.....	3
1.2.	Distribution List	3
2.	Software Release Definition	4
2.1.	Implied software Elements.....	4
3.	Resolved Bugs.....	4
3.1.	Developments and tuning focus on DC Link control avoiding activations of v_bus_max alarms.....	4
3.2.	NSC Pulsing Timeout.....	4
3.3.	New SNS.cfg configuration for official version 26.	4
3.4.	Reduction of events recorded in the logviewer:	4

1. Edition Control

1.1. Edition Control

Edition	Description	Date
00_00	Bugs solved in v00_26	23-09-2019
00_01	Corrections	27-09-2019

1.2. Distribution List

Person	Position	Company
Alfonso Albo	Traction Manager	CAF Power
Ion Sagarzazu	SAT Engineer	CAF Power
Sanjay Ostwal	Project Manager	CGL
Krishan Junwani	CGL Engineer	CGL

2. Software Release Definition

2.1. Implied software Elements

The new Release of this Software Element has the following dependencies:

<i>Project</i>	<i>Code</i>	<i>Description</i>
AA58	AA.58.91.0003	CJTO TRACCION WAG9
AA58	AA.58.91.0014	CJTO TRACCION WAP7

3. Resolved Bugs

Modifications performed in version 26:

AA.58.91.0003 CJTO DE TRACCION **WAG9 v00_26**

AA.58.91.0014 CJTO DE TRACCION **WAP7 v00_26**

3.1. Developments and tuning focus on DC Link control avoiding activations of v_bus_max alarms

Motor Fluxing high speed:

- Update on inverter platform with corrections in fluxing control strategy.
- Tuning of parameters

Modification Bus Filter Stabilizer: modification in the Bus filter Stabilizer on the rectifier control. Increase the saturation value for voltage consign from 2800V to 2850V calculated by the BFS.

3.2. NSC Pulsing Timeout.

Modifications required in the synchronization of SLG-FLG bits when leaving SHUTDOWN state.

3.3. New SNS.cfg configuration for official version 26.

3.4. Reduction of events recorded in the logviewer:

- INFO_RCC_ENTER_INIT -> not recorded
- INFO_SLG_DISABLED_COMMAND -> not recorded
- INFO_RCC_ENTER_ACTIVE -> not recorded
- ERROR_CALCULATING_SPEED -> encoder check only after the booting process completed to avoid confusion due to false activations.