

# Release Notes - Drives\_GS4 : GS4 Drive

## VERSION NUMBER

1.42

## RELEASE DATE

## DETAILS

V1.42 Release Notes:

- (1) Enhanced Block Transfer to allow addresses 21xxh, 22xxh
- (2) Add parameters: P04.65-67, Analog Input monitoring; P06.72,73, IGBT\_Temp, CAP\_Temp Monitoring.

## VERSION NUMBER

1.41

## RELEASE DATE

## DETAILS

FW1.41 added STO version monitoring options to P08.00 (selections 46,47,48)

## VERSION NUMBER

1.40

## RELEASE DATE

## DETAILS

GS4, firmware version v1.40 corrects three problems in the previous firmware version 1.30 / 1.31

1. Corrects the operation of relay output 2 (R2) if configured to energize when there is a communications loss (error 97).
2. Prevents the drive from starting following a power cycle where the drive was in Run mode, "Line Start Lockout" is enabled, (P6.29 = 0) and digital input controlled Local / Remote selection (Function 33) is in local mode; without first cycling the start command to the drive.
3. Prevents the drive from starting following the reset of an external fault condition with "Line Start Lockout" enabled, (P6.29 = 0); without first cycling the start command to the drive.

## VERSION NUMBER

v1.30

## RELEASE DATE

## DETAILS

Firmware version v1.30 corrects an issue with PID, Sleep Mode involving the frequency command "FCMD".

## VERSION NUMBER

1.20

## RELEASE DATE

## DETAILS

GS4, drive, firmware version 1.20 corrects issues with analog output scaling and communications in the drive.

1. Corrects a positive offset in (AO2) analog output value, if configured for "Output Current (Arms)".
2. Changes the rules for communication card timeout as defined by "P9.95, CommCard Timeout Period".
3. Corrects a drive exception response on Function Code 16, using Modbus RTU, that after changing P3.00 or P3.01 to 3 or 4 would require a power cycle of the drive to correct.
4. Change the default values for "P9.69, Block Transfer Address Pointer 1" thru "P9.84, Block Transfer Address Pointer 16", from 0 to 999.
5. Change "P9.95, Ethernet Card Time out Duration", from 0.5 seconds to 3.0 seconds.
6. Change "8.00 User Display", equal (25: Overload%) identifier to upper case L, to avoid duplication with equal (43: PID Offset) identifier.

Note: If the GS4 drive is controlled using the GS4-CN-ENETIP or GS4-CN-MODTCP, communication card, update the communication card firmware to V1.02 after updating the GS4 drive firmware to V1.20.

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**VERSION NUMBER**

1.10

**RELEASE DATE****DETAILS**

First production release

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