

TECHNICAL BULLETIN

INFORMATION ONLY

For the Attention of : Service Engineers, Trade Customers

Date : 18/12/08

Product : Nexus Lift Controller

Subject : V4.18 Software update

Pages : 2

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Detail

V4.18 Software has been in circulation for a year now. It was installed on all lifts manufactured after 3/12/07.

The information on this change was sent out at the time on a memo. This document is to ensure that the information is available on the technical website.

The Nexus software has been modified and tested to work in the following manner.

Fault	Nature of fault	Response of lift
JTE	Lift running in low speed only, journey timer is less than half set value.	Lift will stop at next floor cycle the doors and stay in service.
JTT	Lift running in low speed and fails to run or reach floor level before journey timer = zero.	Lift will stop immediately and latch lift out of service.

Test control

To prevent lockup of the processor when coming off car top test control the processor is to be forced into a reset by the program being set to cause the Nexus unit to restart.

Shutdown mode output fails to turn off

In normal operation with the lift in shutdown mode the shutdown mode output (CALL) will be ON. When shutdown is disabled the CALL will turn OFF.

It has been found that when shutdown is disabled the CALL output fails to turn OFF, if the lift is on test control (TRC active) or overload is active. To resolve this problem the shutdown mode output is now turned OFF when the lift returns to normal service from test control or overload condition. If shutdown mode is still on the CALL output will remain ON.



Shutdown mode CALL output only turns ON for the following shutdown modes:

1. Fire shutdown.
2. Shut down 1.
3. Shut down 2.

Lift Through Floor (LTF's)

The run outputs are to be turned off immediately when an LTF occurs. This should help avoid unnecessary lift shutdown due to ULR faults. Production group software V3.32 already has this change implemented.

It has also been found that logging of LTF faults during the stopping state of a run (not relevelling) can log multiple LTF's faults. The logging of this fault is valid but only one LTF should be logged. This has now been corrected in V4.18 software.

Arrows Up/Arrows Down

It was noted that the operation of the arrows and goings was not always in accordance to V3.18 software. This has been rectified to always work as V3.18 software.

This completes the changes for version 4_18.

Summary

V4.18 has been in circulation for a year now. This document is to ensure that the changes are documented on the technical website for future reference.

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