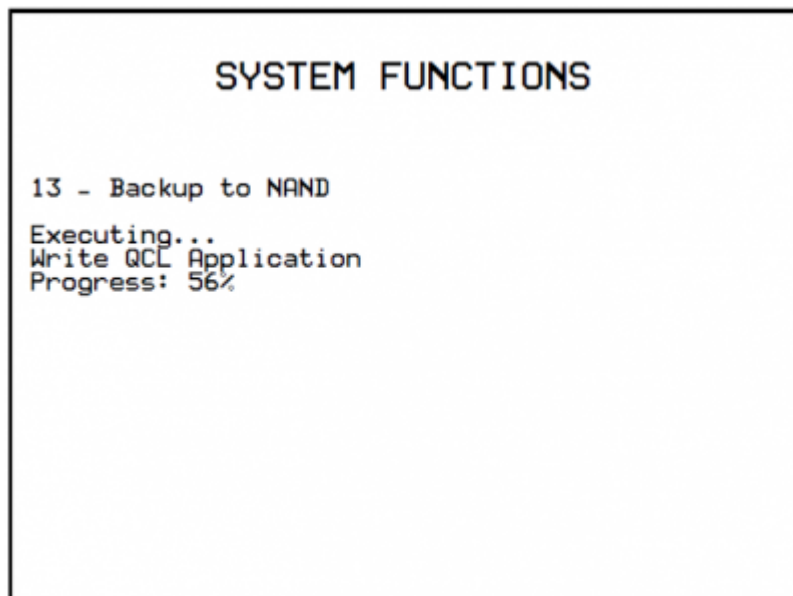


Índice

Backup to NAND

The backup procedure creates a copy of the QCL and HMI applications in execution and a dump of the retentive data, as files saved in the NAND mass storage. The files created have the following names:

- `applic.qcy` identifies the file containing the QCL application (CPU)
- `appdat.qcy` identifies the file containing the retentive data of the QCL application
- `appqtp.qcy` identifies the file containing the HMI application



The procedure performs the following steps:

- Check the presence of the QCL application
The "Checking application presence..." message is given.
- Create and write in NAND the QCL application backup file: **applic.qcy**
The "Write QCL application" message is given with the percentage progress of the operation.
- Check the presence and validity of retentive data of the QCL application
The "Checking retentive data..." message is given.
- Create and write in NAND the retentive data backup file of the QCL application: **appdat.qcy**
The "Write QCL data" message is given with the percentage progress of the operation.
- If the controller has a display, a check is made for the presence of the HMI application:
If the HMI application is correct the backup file **appqtp.qcy** is created in NAND and the "Write QTP application" message is given with the percentage progress of the operation.
If the application contains errors, the "QTP application error" message is given.
If the HMI application is not found, the "HMI application not present" message is given.
- Procedure end and system reboot.

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