



ACQ810 Template Readme for SREA-01

Handled by

Vassili Jung

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COMPATIBILITY

Template files revision

- v3.32 are compatible with SREA-01 firmware 3.31.1 or newer
- template done based on ACQ810 UIFQ2010

DRIVE COMPATIBILITY

Template is compatible with ACQ810 Standard Pump Control Program.

ACQ810 template v3.32 for SREA-01 Ethernet adapter is compatible with

- EIA-232 single drive connection to drive's panel port
- EIA-485 connection to FSCA-01 adapter firmware revision 0.42A or newer
- EIA-485 connection to embedded Modbus (parameter group 58)

ACQ810 is compatible with SREA-01 only with the drive parameter setting

16.16 Menu set active = Full (15)

Before adding the drive to SREA-01, the parameter value "16.21 Menu selection" must be changed to value "Full" either by using the control panel or DriveStudio PC-tool.

FSCA-01 adapter is compatible with SREA-01 only with the parameter setting. SREA-01 required word order MSW, LSW.

51.11 = Most Significant 16-bits in lower register (1)

ABB Oy

Postal Address:
Drives
P.O.Box 184
FIN-00381 Helsinki, Finland

Street Address:
Drives
Hiomotie 13
FIN-00380 Helsinki, Finland

Telephone:
+358 10 2211
Telefax:
+358 10 22 xxxx

Internet:
www.abb.fi
e-mail:
first name.last name
@fi.abb.com

Business Identity Code:
0763403-0
Domicile: Helsinki

Before connecting the FSCA-01 adapter to SREA-01, the drive parameter value 51.11 must be changed to value (1) either by using the control panel or DriveStudio PC-tool.

Refer to FSCA-01 RS-485 Adapter Protocol Manual – Modbus RTU (3AUA0000109533) for further details.

ACQ810 Embedded Modbus is compatible with SREA-01 only with the parameter setting. SREA-01 required word order MSW, LSW.

58.32 Word order = MSW, LSW (0) in case of embedded Modbus

Before connect SREA-01 to Embedded Modbus, the drive parameter value 58.32 must be change to “MSW, LSW” (0)

INSTALLING THE TEMPLATE

You can install the ACQ810 template to SREA-01 by following these steps:

1. Be sure that you have changed the drive parameter 16.16 Menu set active to value Full (15). Load long parameter menu by setting parameter 16.21 to Full (2).
2. With FSCA-01 adapter, be sure that you have installed and commissioned the module and changed the drive parameter 51.11 to value (1) most significant 16-bits in lower register.
3. Log in to SREA-01 and go to page Configuration / Templates.
4. SREA-01 supports up ten device templates. Make sure that there is space for new template. Remove unused templates from the SREA-01 memory if needed.
5. Press the upload template button and browse for the uncompressed template files. File extension is .xml. Press the upload template button.
6. When you can see the new template in the end of the Template list, you are ready to add the drive to device configuration as described in the SREA-01 User's Manual, section Configuration / Devices.

Refer to SREA-01 User's manual for further details.

RELATED DOCUMENTS

Firmware manual Standard pump control program for ACQ810 drives (3AUA0000055144)

ACQ810 Drive Modules (frames A...D) Hardware Manual (3AUA0000055160) or related hardware manual

FSCA-01 RS-485 Adapter Protocol Manual – Modbus RTU (3AUA0000109533)

User's Manual SREA-01 Ethernet Adapter Module (3AUA0000042896)