Questions regarding easYgen-3x00XT Modbus Protocols 5003 5010 5016

Clemens - 2025-09-23 - easYgen-3000XT

- 5003 (from beginning in 2006) and additional 5010 (in 2009, implemented in Release 5, P/N 8440-1922 and higher partnumbers) is a protocol that the classic (old) easYgen-3x00 models used.
- Introducing easYgen-3x00XT models we have to introduce a new 5016 protocol, to cover also the new additional values/features/states.

The easYgen-3000XT is still backward-compatible to the "classic" easYgen-3x00 models (2006-2016). So new XT still provide the old protocols in the new 3000XT models which make conversion from old to new easYgen more simple.

You need to select by parameter 3184 in the easYgen, which protocol the easYgen shall work with , or which you want to use.

ID	Parameter
3184	Modbus protocol number

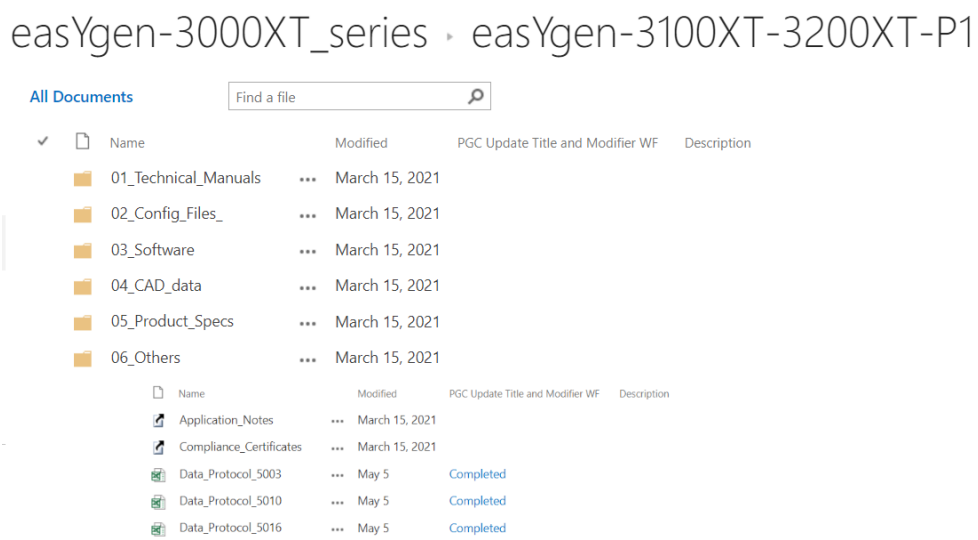
By default setting it is set to <<5010>>, just because of the backward-compatibility.

If your application has only new 3000XT models, then you should prefer to use...

=> 5016

XLS protocol protocol sheet, you can download in the individual easYgen-3000XT folder in folder 06_Others

https://wss.woodward.com/manuals/PGC/Forms/AllItems.aspx



Additional info:

Protocol 5014
Based on the 5003; Without ECU Data; Accessible by CANopen and Modbus; Contains additional XT values - in comparison to the previous 5003 protocol.

Protocol 5016:
Based on the 5010; Accessible by Modbus/CANopen; Contains additional XT values - in comparison to the previous 5010 protocol.