ACS310 Modbus Communication Error

Description:
This document will describe how to correct the Modbus communication error on an ACS310 drive.

Problem
By default the ACS310 short parameter view is setup. As a result, the Modbus communication is blocked and the embedded fieldbus will not get a response from the drive.

With parameter 1611, Parameter View set to Short View (1611 = 2), the embedded Modbus parameters are hidden and cannot be enabled.

Solution:
Set parameter 1611, Parameter View to Long View (1611 = 3). This will open all the parameter groups for viewing to include the embedded Modbus parameter groups which will allow Modbus communication.

Documents or other reference material:
ACS310 User Manual, Document Number 3AUA0000044201