

Hardware and Software Update of 101N0510 AC/DC Electronic Unit

Secop is introducing an update of the 101N0510 multivoltage electronic unit for our BD35F and BD50F compressors. The unit was introduced at the beginning of 2016 and was well accepted in the market.

Two improvements will now be implemented and are part of the continuous improvement processes at Secop.

Software change

The software version will be upgraded from V01.01 to V01.03. The only change is the calculation of the compressor speed if transmitted over our Modbus communication interface. Customers using mechanical thermostats and/or speed resistors or their own displays connected to the T-Input will not be affected by this change.

The Modbus speed value calculation will be adjusted to be the same as on all other Secop electronics (e.g. 101N0212 and 101N0650) to enable customers to use the same commands on all Secop electronics.

Hardware change

The hardware revision will be upgraded from PCB version HW04 to HW06. The only change is an increased X capacitor to lower the conducted emission (EMI) below 400kHz.

Approvals

Approval authorities at VDE and UL are informed and will update their documents accordingly. No re-approval on the customer appliance is required.

Timing of change

The changes will be implemented into production as a running change in Q4/2016. Existing material will be delivered until used up.



Fig. 101N0510 electronic unit with BD35F compressor