

ELSP

Product Change Notification

Zenith T-series – product update

PCNDetails:			
PCN Document No.	9AKK108470A2950	Date of PCN:	2024 Nov 6th
PCN issued by:	ELSP	PCN valid as of:	2024 Nov 6th
Product Manager:	William Lindstrom	Obsolescence Date:	
R&D Manager:	Teemu Multisilta	Change Date:	2024 Nov 7th
Products impacted	Zenith T-series ATS, types ZTG, and ZTS, 30-1200A, open and delayed transition		
Impact on Form/Fit/Function	<input type="checkbox"/> Form <input type="checkbox"/> Fit <input checked="" type="checkbox"/> Fctn	Impact on reliability	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Dear Valued Customer,

The purpose of this communication is to inform you of an upcoming change to the following product. This change is part of our effort and commitment to continuous improvement of our products and our processes.

Description of Change

- New controller FW 02.03.00
- New HMI FW 02.03.05

Modbus register changes:

- Added - New digital output function ATS IN AUTO MODE (function value 20, status register 51:10)
- Added - New digital output function ATS IN MAN RETRANSFER MODE (function value 21, status register 51:11)
- Added - New digital output function READY FOR MAN RETRANSFER (function value 22, status register 51:12)
- Added - New parameter 'HARMONIC COMPONENT FILTER " in register 780:11

Description of firmware feature enhancements:

1. New digital output: ATS IN AUTO MODE
For signalling when the operation mode is AUTO.
2. New digital output: ATS IN MAN RETRANSFER MODE
For signalling when the operation mode is MAN retransfer.
3. New digital output: READY FOR MAN RETRANSFER
For signalling when the operation mode is MAN retransfer and ATS is ready for manual retransfer. In practice meaning that ATS is in MAN retransfer mode and waiting at non-priority source while priority source is available.
4. New feature: HARMONIC COMPONENT FILTER (for Zenith ZTS)
Option to filter harmonic components' effect from current metering.
ON: Harmonic components exist in the electrical system but only nominal frequency component is taken into account in current measurement.
OFF: Harmonics components exist in the system and all frequency components are taken into account in the current measurement (factory setting, same functionality as with earlier FW releases)

Description of visual changes in product appearance:

None

Customer Impact of Change and Recommended Action

No impact foreseen for customers; factory settings remain the same compared to previous product release.

Reason for Change

To continuously improve the product and answer to our customers' needs globally to have new features.

Product Identification

From November 7th 2024, the new firmware will be released to production with Senatobia, MS, USA Manufacturing Unit. Products with new controller firmware ver 02.03.00 can be identified from the product serial number, starting with US1150241000060928.