



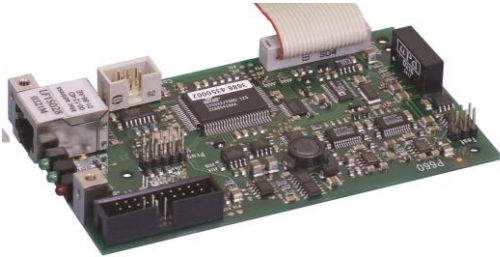
Product Change Notification

#PCN-DELTA-001

PSC-ETH

Effective date: 01-JAN-2020

Change type: product successor from generation 1 to generation 2.



Generation 1



Generation 2

Affected products:

- PSC-ETH External Module
- ES150 series with build-in card, option P150
- ES300 series with build-in card, option P179
- SM800 series with build-in card, option P256
- SM1500 series with build-in card, option P177
- SM6000 series with build-in card, option P157

Change reason:

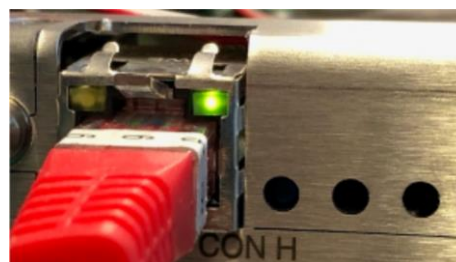
- Electronic components of the PSC-ETH became obsolete.
- Features that are standard nowadays, were missing in generation 1.

Change impact:

- New added features:
 - Web server.
 - Reset button for default factory setting.
 - Possibility to update the firmware.
 - Manual available via web server.
 - DHCP.
- Technical improvements:
 - Improved stability of clock frequency of the sequencer.
 - Each sequence command is carried out within one cycle (=125µs).
 - The complex status structure is replaced by two simple commands.
- Physically:
 - The three separate LED indicators are replaced by two LEDs in the RJ45 Ethernet connector.



Generation 1



Generation 2

- SCPI commands:
 - Concatenated queries will reply with their own LF. No longer one reply with comma separation. So now multiple reads are required.
 - New calibration commands are implemented to match with the SM-series. The old calibration command is still available for backwards compatibility.
- Software:
 - The application Wave2Sequence is no longer supported.
 - The PSC-ETH LabVIEW driver is no longer supported.
 - It takes approximately 15 seconds before the web server is available and SCPI commands are accepted.
- Naming:
 - The order codes remain unchanged.
- Retrofitting:
 - Adding an ETH interface card to a power supply after it has been sold is still possible under the following conditions:
 - The power supply should not be older than 5 years.
 - Building-in must to be done at Delta Elektronika B.V.
 - Units that can't be returned for retrofitting, should be equipped with a PSC-ETH EXT module.