



12570 State Route 143
Highland, IL 62249-1074 USA
P: 618.654.2341
F: 618.654.2351

BE1-700 Feature Enhancements and Style Option Changes

Basler Electric continues to innovate the BE1-700 Digital Protective Relay product line! The upcoming product upgrades include a number of generational feature enhancements and a consolidation of style options to simplify the number of unique devices in the field. The changeover from original style options to new style options for the BE1-700 will occur in the first quarter of 2024.

List of updates:

- Front RS-232 port converted from RS-232 to USB-C
- BESTCOMS™ upgraded to BESTCOMSPlus® metering and settings software
 - o Note: This change requires an updated settings file but utilizes the same algorithms and setpoints.
- Voltage sensing option N5 created to include all previous option capabilities. Voltage sensing options N3 and N4 will be discontinued.
- Communication option 8 created for simultaneous Modbus® and BESTCOMSPlus® Communication options 0, 4, 5 and 7 will be discontinued.
- Fault recording updated to non-volatile storage
- HMI screen size increased
- Encrypted and keyed firmware for enhanced cybersecurity
- Enhanced communications cybersecurity
- Update to BESTCOMSPlus® environment which includes features beneficial to present systems.

Note: All protection algorithms, wiring and physical dimensions will remain unchanged.

Style conversion details:

- Previous voltage sensing options N3 or N4 converts to option N5.
- Previous communication option 0 converts to updated option 1.
 - o Note: Serial ASCII no longer supported.
- Previous communication option 4, 5 or 7 recommended conversion to option 8 for Modbus® and BESTCOMSPlus® communications over serial and Ethernet.
 - o Note: ASCII and webpages no longer supported.

Note: All other fields remain unchanged.

If you need additional information or have technical questions, please contact Technical Sales Support at USATechSupport@basler.com or call +1 618.654.2341 (USA) or +86 512.8227.2881 (China)