



### **Control**

- Improvement to the synchrocheck function for preventing unexpected short-period reset of SYNC\_OK output. The reset could have been seen in some start-up situations with high load currents even when the synchronism conditions were fulfilled and voltages were aligned on both sides of the breaker.

### **Communication**

- IEC 60850-5-104 communication has been improved in case IP address was set to 0.0.0.0.

### **HMI**

- Improved Local HMI firmware to avoid some rare HMI freezing in very short and repetitive auxiliary power interruptions.

### **Update procedure**

Firmware updates represent an integral part of ABB's life cycle management of distribution protection and control relays. The updates ensure optimized usability throughout the relay's entire life cycle by offering the latest improvements. The ideal time for a firmware update would be during periodical testing or a maintenance break.

All REC615 / RER615 IEC&CN version 1.1 product deliveries dispatched later than 23<sup>rd</sup> of March 2018, include the stated relay firmware update 1.1.3.

Please note that ABB will not be liable for any direct or indirect costs related to the firmware update procedure. The update procedure shall be performed at the sole responsibility of the possessor of the installed base.