Extended compatibility of indoor voltage sensors KEVA C with 3rd party IEDs

Release note

We are pleased to announce the release KEVA C, 24 kV indoor voltage sensors for cable connectors, used in gas-insulated switchgear, now compatible with various Intelligent Electronic Devices from 3rd party vendors.

This new product family, KEVA 24 C, with output signal 3.25 V according to IEC 61869 standards, will bring new opportunities in Smart Grid applications, thanks to the compatibility with protection relays and fault passage indicators from A-eberle, Horstmann, Kries and Siemens.

Target markets
This product family addresses the global market. Target applications: secondary distribution gas-insulated switchgear (Ring Main Units) up to 24 kV where accurate voltage measurement is needed for advanced protection, fault detection and grid monitoring.

Product family highlights
- Compatibility with 3rd party IEDs
  - Fault Passage Indicator EOR-3D compact from A-eberle
  - Fault Passage Indicator ComPass B 2.0 from Horstmann
  - Fault Passage Indicator IKI-50 from Kries
  - Protection relay SIPRO-TEC 7SJ81 from Siemens
- Fully type tested in according to IEC 61869 standards

Product characteristics
- Primary voltage ratio: 10√3 kV, 15√3 kV, 20√3 kV
- Rated burden: 2 MΩ/50 pF or 200 kΩ/350 pF (based on IED input impedance)
- Accuracy class: 0.5/3P
- Connectors: RJ45 or ferrules (based on IED connector)
- Applicable standards: Type tested according to IEC 61869-11 in accredited laboratory

Product positioning
Accurate voltage measurement complying with IEC 61869 standards, compatible with various 3rd party IEDs used in secondary distribution GIS applications up to 24 kV.

Product documentation
See the product webpage.
Webinar
Contact Product Specialist and Global Product Manager to plan your own webinar.

Production site
Electrification – Distribution Solutions Division PG 3406 in Brno, Czech Republic.

Availability
Offer from September, 2020.
Delivery from October, 2020.

Contact people
• Your ABB sales representative
• Czech contact center:
  contact.center@cz.abb.com
• Michal Bures, Product Specialist:
  michal.bures@cz.abb.com
• Vaclav Prokop, Global Product Manager:
  vaclav.prokop@cz.abb.com
• David Carera, Global Product Marketing Manager:
  david.carera@it.abb.com