The new COM35 PROFINET IO / Modbus TCP communication module supports these protocols simultaneously, allowing both automation and energy management systems access to breaker data.

The functionality and data structure of the COM35 is based on the COM15/COM16 and is compatible with existing WL trip units and CubicleBUS modules. This makes the COM35 easy to integrate and an excellent choice for plant modernization and expansion.

- One module for both ANSI/UL and IEC circuit breakers
- Future-proof design with signed firmware updates
- Easy implementation of DAS (Dynamic Arc-Flash Sentry) using ETU776/768 with no additional modules required
- Two switched Ethernet ports for daisy-chain operation
- Supported by powerconfig software > V3.11
PROFINET IO
- The COM35 meets Conformity Class C (the highest rating) as well as the highest network load class: Netload Class III
- Integrated Ethernet switch (100 MBit/sec) capable of Isochronous Real-Time (IRT) operation
- Supports ring topology (for redundancy)
- Profinet Organization (PNO) certified

Modbus TCP
- Supports Modbus TCP as defined in:
  - Modbus application Protocol V1.1b
  - Modbus Messaging implementation guide V1.0b
- Multi-master capable
- Supports ring topology (for redundancy)

Security
- Hardware-based Read-Only Input
- Basic security functions such as:
  - IP-Filter
  - Configurable Modbus TCP port
- Siemens signed firmware for updates and future functions