

SENTRON 3VA2 plus and 3VA6 plus

Overview – Electronic trip units

Functions and
communication options

[siemens.com/3va-plus](https://www.siemens.com/3va-plus)



SIEMENS

SENTRON 3VA2^{plus} MCCBs – ETU overview

Functions



ETU460



ETU760



ETU960

Function	ETU460	ETU760	ETU960
Rotary switch with e.SET function	■	—	—
Integrated display	—	—	■
Bluetooth® connection to SENTRON Powerconfig mobile app and display DSP120	■	■	■
Communication via COM120/COM121	—	■	■
Wireless communication to gateway SENTRON Powercenter 1100/2000	■	■	■
Energy metering function	—	■	■
External N-CT connector on 3-pole circuit breaker	■	■	■
GF-protection	■	■	■
GF-protection alarm (independent switchable ON/OFF)	■	■	■
Extended protection functions			
→ Phase unbalance current/voltage	—	□	■
→ Undervoltage and overvoltage	—	—	—
2nd parameter set	—	□	■
Directed short circuit protection (dST)	—	□	■
Condition monitoring	□	■	■
Wave form buffer	—	□	■

— Not available □ Unlockable with license ■ Available

Features and functions may vary depending on the selected ETU version.

SENTRON 3VA2^{plus} MCCBs – ETU overview

Communication options



ETU 4-Series



ETU 7-Series

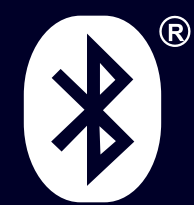


ETU 9-Series



USB-C connection

- Parameter setting via SENTRON Powerconfig
- Hardware testing of the circuit breaker



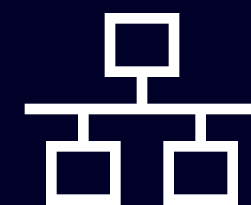
Bluetooth[®] connection¹⁾

- Commissioning and diagnostic with smart device
- Display data at DSP120 via cubicle door display



Wireless connection¹⁾

- Connection to gateway SENTRON Powercenter 1100/2000



Ethernet communication via COM120/COM121

- Advanced communication solution
- High data volume and fast update cycles
- Data displayed on cubicle door display DSP820



Metering

- Energy metering IEC 61557-12 class 1 for energy



1) For all ETUs with wireless function not disabled at the factory.

— Not available ■ Available

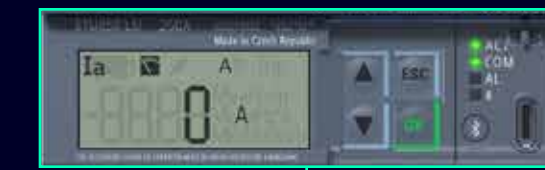
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SENTRON 3VA6^{plus} MCCBs – ETU overview

Functions



ETU460



ETU660



ETU760



ETU960

Function	ETU460	ETU660	ETU760	ETU960
Rotary switch with e.SET function	■	—	—	—
Integrated display	—	■	—	■
Bluetooth® connection to SENTRON Powerconfig mobile app and display DSP120	■	■	■	■
Communication via COM120/COM121	—	■	■	■
Wireless communication to gateway SENTRON Powercenter 1100/2000	■	■	■	■
Energy metering function	—	—	■	■
External N-CT connector on 3-pole circuit breaker	■	■	■	■
GF-protection	■	■	■	■
GF-protection alarm (independent switchable ON/OFF)	■	■	■	■
Extended protection functions				
→ Phase unbalance current/voltage	—	—	□	■
→ Undervoltage and overvoltage	—	—	—	—
2nd parameter set	—	□	□	■
Directed short circuit protection (dST)	—	—	□	■
Condition monitoring	□	■	■	■
Wave form buffer	—	—	□	■

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SENTRON 3VA6^{plus} MCCBs – ETU overview

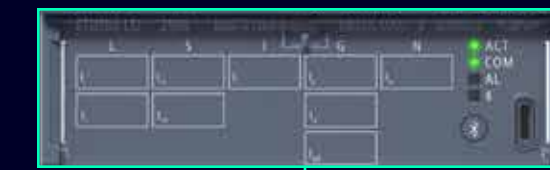
Communication options



ETU 4-Series



ETU 6-Series



ETU 7-Series

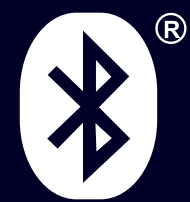


ETU 9-Series



USB-C connection

- Parameter setting via SENTRON Powerconfig
- Hardware testing of the circuit breaker



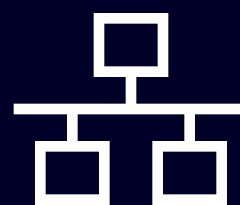
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