

SENTRON 3WL communication-capable circuit breakers

Function	Electronic trip unit version			Breaker Status Sensor	PROFI-BUS communication port	Measure-ment function <i>Plus</i>	Analog output module	Digital output module	Digital input module	ZSI module	Breaker Data Adapter	Breaker Data Adapter <i>Plus</i>
	ETU45B	ETU76B	ETU55B									
Functions of the communication-capable SENTRON 3WL circuit breakers												
Indication of measured values in trip unit (current only)	✓	✓	--	□	□	□	□	□	□	□	□	□
Indication of measured values in trip unit (<i>U, I, P, S, Q</i> , p.f., etc.)	✓	✓	--	□	□	✓	□	□	□	□	□	□
Indication of measured values (current only), parameter, diagnostic values etc. on display	--	✓	--	□	□	□	□	□	□	□	□	□
Indication of measured values (<i>U, I, P, S, Q</i> , p.f., etc.), parameters, diagnostic values etc. in trip unit	--	✓	--	□	□	✓	□	□	□	□	□	□
Output of measured values (current only) to rotary coil instruments in control cabinet door	✓	✓	✓	□	□	□	✓	□	□	□	□	□
Output of measured values (<i>U, I, P, S, Q</i> , p.f., etc.) to rotary coil instruments in control cabinet door	✓	✓	✓	□	□	✓	✓	□	□	□	□	□
Output of digital signals (e.g. reason for tripping, alarm signals, status) through contacts	✓	✓	✓	□	□	□	□	✓	□	□	□	□
Automatic changeover between parameter sets A and B	--	✓	✓	□	□	□	□	□	✓	□	□	□
Read in digital signals and forward to PROFIBUS/MODBUS	✓	✓	✓	□	✓	□	□	□	✓	□	□	□
Transmission of switch information on HTML basis locally to a PC	✓	✓	✓	✓	□	□	□	□	□	□	✓	✓
Transmission of switch information on HTML basis through Ethernet	✓	✓	✓	✓	□	□	□	□	□	□	□	✓
Short-time grading control for S tripping and G protection	✓	✓	✓	□	□	□	□	□	□	✓	□	□
Local display of harmonic analysis and waveform memory	--	✓	--	□	□	✓	□	□	□	□	□	□
Local storage of harmonic analysis and waveform memory and transmission through PROFIBUS	✓	✓	✓	✓	✓	✓	□	□	□	□	□	□
Read out protection parameters through PROFIBUS	✓	✓	✓	✓	✓	□	□	□	□	□	□	□
Read out and adjust protection parameters through PROFIBUS	--	✓	✓	✓	✓	□	□	□	□	□	□	□

✓ Required

□ Not necessary for this function, optionally combinable

Function can optionally be taken over by more than one trip unit.

-- Function not available

Function can optionally be taken over by one of these modules.