

SENTRON 3WL5 communication-capable circuit breakers

Function	Electronic trip unit version	Breaker status sensors	PROFIBUS/MODBUS communication ports	Measurement function <i>Plus</i>	Analog output modules	Digital output modules	Digital input modules	ZSI module	Breaker Data Adapters	Breaker Data Adapters <i>Plus</i>
	ETU45B									
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.)	✓	□	□	✓	□	□	□	□	□	□
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	✓	□	□	□	□	✓	□	□	□	□
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 storage of harmonic analysis and waveform memory and transmission through PROFIBUS	✓	✓	✓	✓	□	□	□	□	□	□
Read out protection parameters through PROFIBUS/MODBUS	✓	✓	✓	□	□	□	□	□	□	□

✓ Required

□ Not necessary for this function, optionally combinable

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