

SENTRON 3WL communication-capable circuit breakers

Function	Electronic trip unit version			Breaker status sensor	PROFIBUS communication port	Measurement function Plus	Analog output module	Digital output module	Digital input module	ZSI module	Breaker Data Adapter	Breaker Data Adapter Plus
	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	✓	✓	✓	☐	✓	☐	☐	☐	✓	☐	☐	☐
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

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

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

☐ Not necessary for this function, optionally combinable

-- Function not available