

ACTAS BTT

SPECIFICATIONS



General description	Measuring device for testing operating times of low-, medium- and high-voltage switchgear devices, relay contacts, contactors and switch disconnectors.			
Field of application	Determination of: <ul style="list-style-type: none"> • Operating times • Synchronism of contact opening operations / contact closing operations • Coil currents 			
Implemented operating modes	<ul style="list-style-type: none"> • O, C • CO • Manual operation • Manual triggering of operating times 			
Control outputs	Electronic switching outputs (IGBT) for single-phase control of the closing and opening coils. All operating sequences can be configured and output in increments of 50 ms.			
	IGBTs for controlling the release coils	Voltage Current Accuracy	300 VAC/DC 20 A < 0.1 ms	Outputs protected against overvoltage, overload and overheating, galvanically isolated 2.5 kV
	Voltage detector control outputs	12...300 V AC/DC		
Measurement inputs	General	Recording duration	50...5000 ms	
	Binary inputs	Main contacts Auxiliary inputs Resolution Accuracy	3 1 0.01 ms < 0.1 ms	Inputs protected against overvoltage, overload and overheating, galvanically isolated 2.5 kV
	Coil current	Measuring range Resolution Accuracy	20 A 10 mA 0.5% of range	
Interfaces	Connection sockets	1 x control outputs coils 1 x binary inputs main contacts/AUX		Cable sets with 4 mm safety plugs for connection to the switchgear device
	User interfaces	Control panel with graphical display, one-handed operation, separate key for each test mode.		
	Communication	Bluetooth/Android		
Power supply	External power supply unit	24 V / 0.5 A DC; 30 W max.		
	Integrated batteries	Microprocessor-controlled monitoring Battery life for up to 12 hours		
Housing	Dimensions	100 x 230 x 35 mm (W x H x D)		
	Weight measuring device	0.5 kg		
	Weight cables	0.9 kg		
	Protection class	IP54		

Operating conditions	Ambient temperature	-5...50°C
	Relative humidity	5...95%
	CE conformity	EN 61010-1: 2011 Safety requirements for electrical equipment for measurement, control, and laboratory use EN 61326-1: 2013 Electrical equipment for measurement, control and laboratory use - EMC requirements