

# ACTAS BTT

## SPECIFICATIONS



<b>General description</b>	Measuring device for testing operating times of low-, medium- and high-voltage switchgear devices, relay contacts, contactors and switch disconnectors.		
<b>Field of application</b>	Determination of: <ul style="list-style-type: none"> <li>• Operating times</li> <li>• Synchronism of contact opening operations / contact closing operations</li> <li>• Coil currents</li> </ul>		
<b>Implemented operating modes</b>	<ul style="list-style-type: none"> <li>• O, C</li> <li>• CO</li> <li>• Manual operation</li> <li>• Manual triggering of operating times</li> </ul>		
<b>Control outputs</b>	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.		
	<b>IGBTs for controlling the release coils</b>	Voltage 300 VAC/DC Current 20 A Accuracy < 0.1 ms	Outputs protected against overvoltage, overload and overheating, galvanically isolated 2.5 kV
	<b>Voltage detector control outputs</b>	12...300 V AC/DC	
<b>Measurement inputs</b>	<b>Binary inputs</b>	Main contacts 3 Auxiliary inputs 1 Resolution 0.01 ms Accuracy 0.5% of range	Inputs protected against overvoltage, overload and overheating, galvanically isolated 2.5 kV
	<b>Coil current</b>	Measuring range 20 A Resolution 10 mA Accuracy 0.5% of range	
<b>Interfaces</b>	<b>Connection sockets</b>	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
	<b>User interfaces</b>	Control panel with graphical display, one-handed operation, separate key for each test mode.	
	<b>Communication</b>	Bluetooth/Android	
<b>Power supply</b>	<b>External power supply unit</b>	24 V / 0.5 A DC; 30 W max.	
	<b>Integrated batteries</b>	Microprocessor-controlled monitoring Battery life for up to 12 hours	
<b>Housing</b>	<b>Dimensions</b>	100 x 230 x 35 mm (W x H x D)	
	<b>Weight measuring device</b>	0.5 kg	
	<b>Weight cables</b>	0.9 kg	
	<b>Protection class</b>	IP54	
<b>Operating conditions</b>	<b>Ambient temperature</b>	-5...50°C	
	<b>Relative humidity</b>	5...95%	