



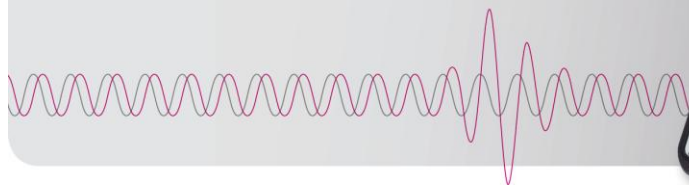
Datasheet



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ACTAS P260 | P360

SPECIFICATIONS



System concept High-precision, portable stand-alone test systems for function tests on various types of switchgear device, including circuit breakers, disconnectors or earthing switches, regardless of the type of drive unit. Determination of operating times with earthing on both sides. Three-phase dynamic resistance measurement on up to two main contact chambers per pole in combination with PROMET SE. Control panel with 7" touch screen and two function keys. Inputs and outputs via 4 mm safety sockets and multi-pole system sockets located on the front panel.

Control outputs Electronic switching outputs (IGBT) for single or three-phase control of the closing and opening coils. All operating sequences can be configured and output in increments of 1 ms.

IGBTs for controlling the release coils	Voltage	300 VAC/DC	Intrinsically safe via short-circuit and overload protection
	Current	15/100 AAC/DC	

Measurement inputs

Details

Record length	max. 4000 s
A/D-conversion	16 bit
Accuracy	Error (< ±0.05%)

Analog inputs

Sampling rates	100 Hz to 30 kHz, adjustable
Close/Open coil current	15/100 AAC/DC internally switchable
Coil/station voltage	300 VAC/DC
Motor voltage	500 VAC/DC
Motor current	15/100 AAC/DC
Sensor inputs	± 10 VDC/digital
Sensor inputs	0-20 mA/Imp. 200 Ohm/ 0.25 W/± 10 VDC

Binary inputs

Sampling rate	10.00 kHz
auxiliary contact	24...300 VDC
Activation level	wet/dry switching

Incremental inputs for digital travel transducers

Supply voltage	10 VDC
Limit frequency	100 kHz

Interfaces

KoCoS interfaces

Interfaces for controlling external ohm meters and a connection unit CSW 3 as well as a source for the power supply for testing undervoltage and overvoltage releases

PC interfaces

RJ45 Ethernet
USB A/B

Complete system

Operation

Operation, system control, data storage and evaluation by means of a built-in control panel equipped with a high-resolution, resistive 7" touch screen and two function keys

Data storage and evaluation of switchgear tests also by means of an external PC under Windows 7/8.1/10

Optional Wi-Fi remote function

Power supply

Rated voltage 110...265 VAC/DC

Environment

Operating temperature	0...50 °C
Electric strength	to IEC 255/IEC 801
EMC immunity	1 MHz sine wave to IEC 255
Protection	IP65 (closed)
Safety standard	EN 61010-1 300 V~ CAT II
EMC emissions	EN 50081-2 industrial
Susceptibility	EN 50082-2 industrial

Product		ACTAS P260	ACTAS P360
Analog measurement inputs	Coil current	1 x 2 (I/O)	3 x 2 (I/O)
	Coil/station voltage	-	2
	Motor current via shunt	1	1
	Motor voltage	1	1
	Sensor (+/-10 V/digital)	3	6
	Sensor (+/-10 V/0...20 mA)	1	3
	Main and PIR contacts	3 x 2	6 x 2
Binary measurement inputs	Auxiliary contacts	2 x 4	3 x 4
Control outputs	Closing coils	1	3
	Opening coils	1	3
Analog outputs	Reference voltage for external sensors	1x 10 VDC/200 mA	3x 10 VDC/200 mA
Connections additional equipment	PC	1	1
	Ohm meter	3	3
	CSW 3	1	1
	Digital voltage source	1	1
Housing	Hard-top case		
	Dimensions (W x H x D)	425 x 340 x 170	475 x 375 x 180
	Weight	5.3 kg	6.9 kg

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