

Operation and evaluation via touch screen

A new operating concept and extra powerful hardware make for easy operation and optimum display of all information. The clearly structured user interface is self-explanatory and guides the user quickly and intuitively to complete the task in hand without the need for lengthy training.

- 7" touch screen with graphical user interface
- Display of measurement results with easy-to-understand graphics and icons
- Test report in PDF format
- Selection of test settings from individual templates
- LEDs for clear display of contact status
- USB and Ethernet interfaces for direct connection to PCs/networks and additional equipment

Configuration and analysis

Tests can be configured and test results analysed either directly on site with the device itself or in the office with the aid of a PC and the ACTAS testing software. Test data and parameters can be imported or exported as required using a USB flash drive or network connection.



Technical data

	P360	P260
Operating voltage	110...265 VAC/DC	
Control outputs for closing coils	3	1
Control outputs for opening coils	3	1
Main and PIR contacts	6 x 2	3 x 2
Coil current	3 x 2 (I/O)	1 x 2 (I/O)
Coil / motor / station voltage	3	1
Motor current via shunt	1	1
Sensor (+/- 10 V / digital)	6	3
Sensor (+/- 10 V / 0...20 mA)	3	1
Auxiliary contacts	3 x 4	2 x 4
Reference voltage for sensors 10 VDC / 200 mA	3	1
PC connection	1 x Ethernet	
Interfaces	1 x USB A / 1 x USB B	
Interfaces for external devices	3 x RJ45 for PROMET SE 1 x RJ45 for CSW3	
User interface	7" graphical display with touch screen and 2 function keys	
Housing	Robust hard-top case	
Protection class	IP65 (closed)	
Dimensions (mm)	475 x 375 x 180	424 x 340 x 173
Weight (kg)	6.9	5.3

KoCoS Messtechnik AG
Südring 42
34497 Korbach, Germany
Tel. +49 5631 9596-40
info@kocos.com

For more information, go to:

www.kocos.com

KoCoS 
A FRIEND OF ENERGY

[ENG]

PORTABLE SWITCHGEAR TEST SYSTEMS



ACTAS P260 | P360

Portable Switchgear Test Systems

Flexible and compact test systems for carrying out tests on medium-, high- and extra-high-voltage switchgear.

- Extremely robust and compact
- Full switchgear test in a single test procedure
- No need for time-consuming reconnection during tests
- Stand-alone operation
- Operation and evaluation via 7" touch screen
- PIR and main contact measurement on up to 12 main contact chambers
- Static and dynamic resistance determination on up to 12 main contact chambers
- Recording and analysis of coil and motor current
- Undervoltage release and minimum operating voltage test
- Tests can be carried out with earthing on both sides

www.kocos.com

KoCoS 
A FRIEND OF ENERGY

ACTAS P260|P360

Comprehensive on-site switchgear testing

Using the integrated control panel of ACTAS P260|P360, it is possible to carry out and evaluate comprehensive switchgear tests quickly and easily and with a high degree of flexibility within a single test procedure:

■ Measurement on 12 PIR and main contacts

Determination of operating times for various switching sequences on up to 12 PIR and main contacts.

■ Earthing on both sides

In combination with PROMET SE, simultaneous tests can be carried out on up to 3 poles, each of which has 4 main contact chambers, with earthing on both sides.

■ 12 auxiliary contact inputs

Status indication for up to 12 auxiliary contacts with integrated wet/dry switching.

■ 9 universal sensor inputs

Up to 9 analog/digital sensor inputs for analog and incremental sensors for pressure, travel and temperature measurement. The sensor inputs can be configured flexibly to meet individual requirements.

■ Coil and motor current

Coil current measurement on up to 3 closing and opening coils. Freely selectable measuring ranges make it possible to obtain extremely precise measurement results.

■ Contact resistance determination

Used in combination with the compact PROMET SE ohm meter, both the static and the dynamic contact resistance can be determined simultaneously on 3 poles with 4 main contact chambers each.

■ Undervoltage release and minimum operating voltage

In order to be able to test motors and coils independently of the station voltage, the powerful EPOS AC/DC source can be used to provide the supply voltage. This means that tests of the undervoltage releases and minimum operating voltage of coils, for example, are reproducible and can always be carried out under identical conditions.

System solution with stand-alone option

Thanks to the wide range of functions and the high degree of flexibility it offers, the KoCoS system solution with ACTAS, PROMET and EPOS offers some very significant advantages:

- Precise analysis of the entire contact system and all actuators
- Joint operation and data management via ACTAS
- Common test plan for managing the test systems, one test report
- Stand-alone operation of each individual test system for maximum flexibility

No need for reconnecting

All tests can be carried out at one go without time-consuming connection and disconnection procedures. Identical test conditions guarantee comparable results.

Robust and reliable, even in extra-high-voltage environments

ACTAS P260|P360 are compact, robust test systems which come in a practical hard-top case. The use of tried and tested hardware components guarantees reliable operation during on-site tests on medium-, high- and extra-high-voltage switchgear devices as well as on disconnectors and earthing switches.

