

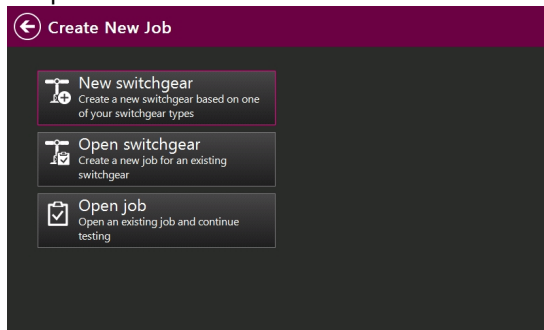
ACTAS Px60 Quick Start Guide For Both Sides Grounded Testing And SRM/DRM Testing On GIS

Both Sides Grounded Testing On GIS Setup

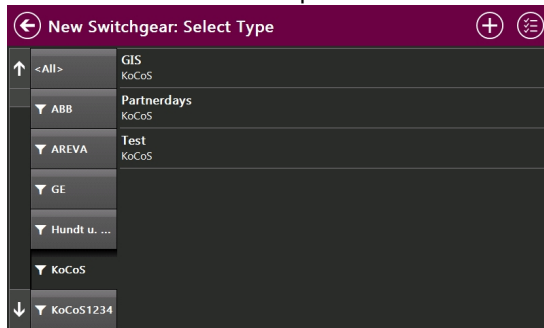
1. Power on the ACTAS Px60.
-Select “Test” tile on the touch screen to create a new job.



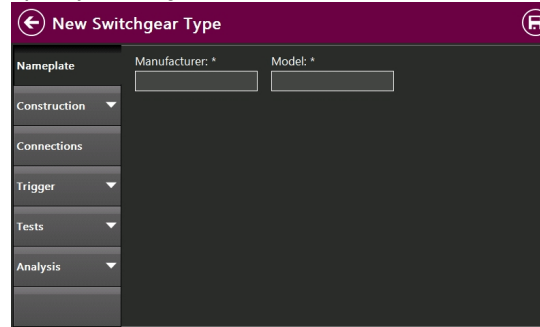
2. Select “New switchgear” to create a new template.



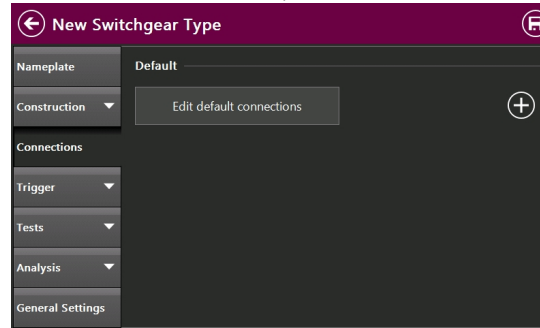
3. In the upper right corner of the screen, press the “+” icon to create new template.



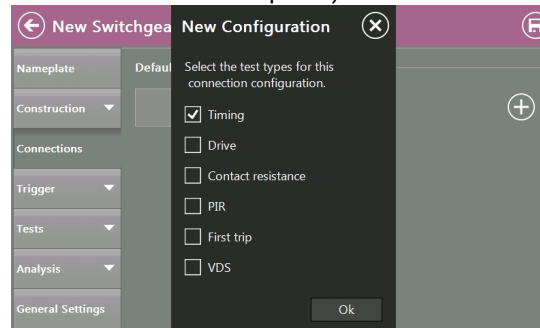
4. Specify switchgear manufacturer & model



5. Select “Connections” tab, then select “+” button.

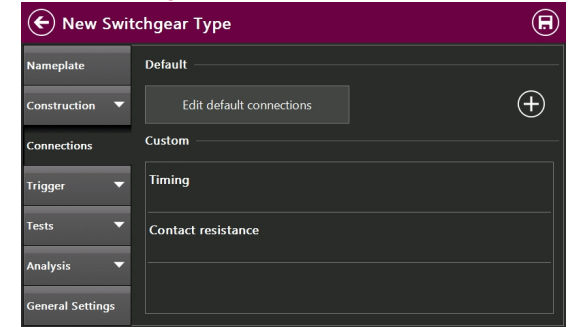


-Select “Timing” check box (also “Drive” to include motor test if required)

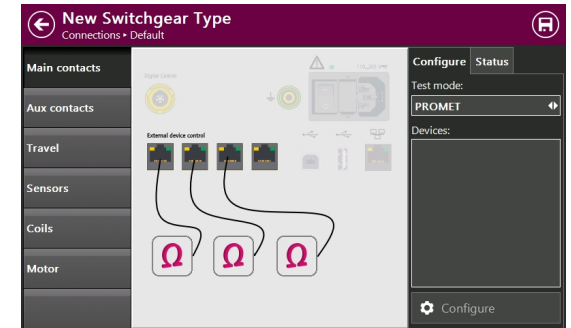


-Select “Ok”

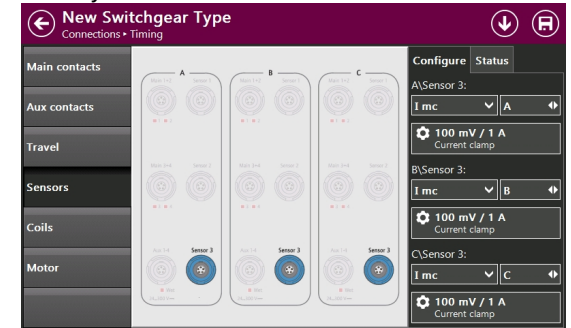
6. Select “Timing” under custom list.



-Select “Main contacts” set Test mode to PROMET.



7. Select “Sensors” tab, edit each sensor to “I mc” for A, B, & C. Select the gear symbol & the Rogowski coils can be selected from library or configured directly to 100mv/1A.

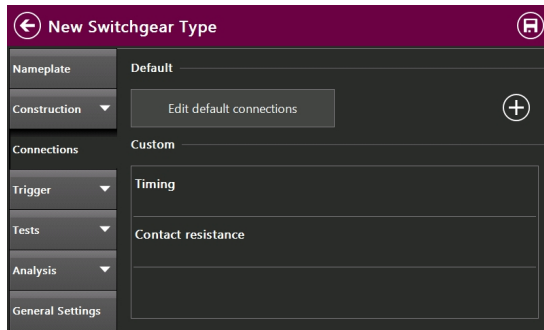


-While under connections configure additional criteria as required. (Refer to “step 9” on the general ACTAS Px60 quick start guide.)

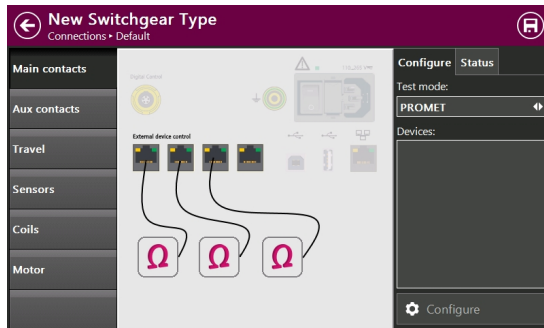
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SRM/DRM testing

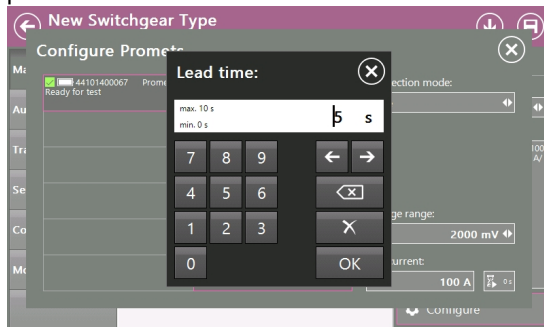
1. Press the back arrow at top left of screen to go back.
-Select "+" button once more.
-Select "Contact resistance" check box.
-Select "OK"
-Select "Contact resistance" under custom list.



-Select "Configure." You must be connected to the PROMETS.

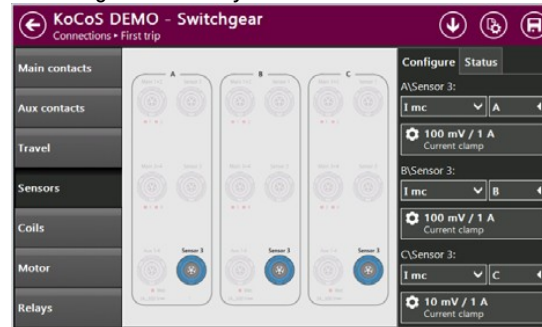


-Select "hour glass" button and set lead time to 5 seconds. Assign the PROMETS to their designated phase.



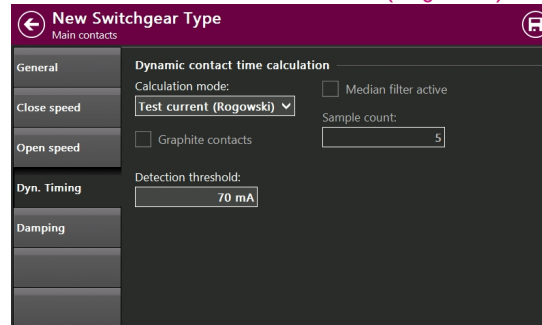
2.

-Select "OK"-Select "X" button to close PROMET config.
-Press the back arrow at top left of screen to go back.
Select "Sensors" tab, edit each sensor to "1 mc" for A, B, & C. Select the gear symbol & the AC/DC Current Clamp can be selected from library or configured directly to 100mv/1A.



3.

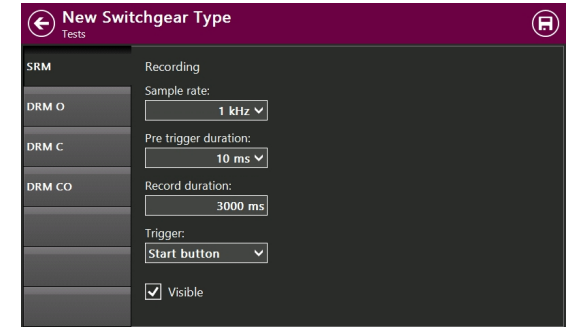
Select "Analysis" tab and select "Main contacts."-Select the "Dyn Timing" tab and set the Calculation mode to "Test current (Rogowski)."



-Press the back arrow at top left of screen, while under "Analysis" configure additional criteria as required. (Refer to "steps 7&8" on the general ACTAS Px60 quick start guide.)
-Press the back arrow at top left of screen.
Select "Tests" tab, then select "Contact resistance" tab.

4.

-Under "SRM" tab set the "Record duration" to 3000ms.

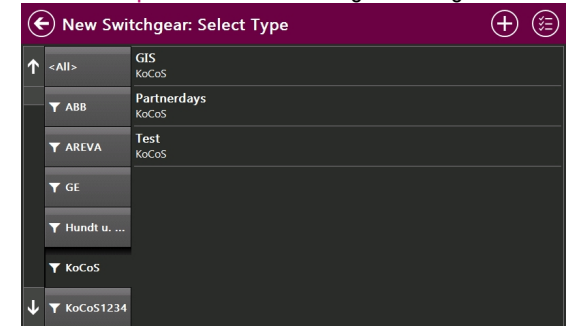


-Press the back arrow at top left of screen, while under "Tests" configure additional criteria as required. (Refer to "step 6" on the general ACTAS Px60 quick start guide.)

-Select the "Save icon" top right corner to save.
-Press the back arrow at top left of screen to go back to list of switchgear templates that will now include the one just created.

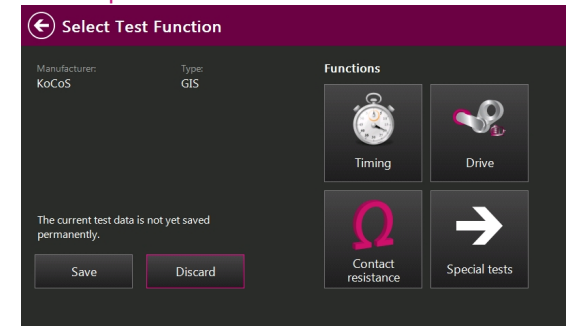
5.

Select template from list to begin testing.



6.

Once the template has been selected tests may now be performed.



-Press save button at bottom left of screen.

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← Select Test

Test Job

Created at 12/11/2030 20:50:14

Manufacturer: GE

Designation: * Customer:

Switchgear

Apparatus ID: * Serial number: *

Substation: Voltage level: <none>

Bay: Position:

Save

Drive

Special tests

Ok

The current test data is permanently.

-To save the job the fields with an * must be filled in.

7. When Switching Between Timing and Contact Resistance (SRM & DRM) the Rogowski Coils and the AC/DC current clamps must be interchanged. When Timing Note the direction of the Arrow located on The Rogowski Coil, this should be pointed in the direction that the current is flowing. Once Timing is completed, Remove the Rogowski Coils from the GIS and install the AC/DC Current Clamps to the insulated earthing switch. On some GIS Types unfortunately the clamp may not fit.