Quick Start-up Guide
How to wire and set up the relays on the FLXA402

1. Wiring Relays

   a. Cut any power to the analyzer
   b. Unwire any sensor or OI connected to the upper rail. This will make it easier to access the relays.
   c. Remove the cover over the relays, but unscrewing the 2 phillips head screws (they are captive), and pulling straight out.
d. Wire the desired contacts.

S1 is the left most set of terminals 31-33 and S4 is the right most set of terminals 71-73. Note that the center terminal of each set is the common terminal with the
NC terminal on the left and the NO terminal on the right. Below is the state of each relay during alarm, error, and power off.

<table>
<thead>
<tr>
<th>Contact terminals</th>
<th>Normal operation when power on</th>
<th>Alarm on when power on</th>
<th>Power off</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1, S2, S3</td>
<td>C → NO NC</td>
<td>C → NO NC</td>
<td>C → NO NC</td>
</tr>
<tr>
<td>S4</td>
<td>C → NO NC</td>
<td>C → NO NC</td>
<td>C → NO NC</td>
</tr>
</tbody>
</table>

- Replace relay cover
- Rewire sensors and OI

2. Relay Setup in Analyzer
   a. Turn analyzer on
   b. Press the analyzer menu button
   c. Press Setting
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d. Press “Contact output settings (R)”
e. Select the contact you wish to set up

f. Select what you want to trigger the contact
Options for S1, S2, and S3 include Alarm, Hold, Wash, Error, USP, Simulate, and Off. S4 options include Alarm, Error, Simulate, and Fail safe. For a full description of each option, see Chapter 4.4 in the FLXA402 Operation Manual.

Once an item is selected, the analyzer will return to the previous screen. The save icon in the top right must be pressed for any changes to be stored.

g. Finish setting up the contact
The remain of the contact options page is setup options for each of the contact trigger. Now scroll down to the selected trigger’s section and set the desired values.
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Be sure to press 😊 to store any changes before exiting the contact option page. For additional details on each option refer to section 4.4 in the FLXA404 operation manual Operation Manual.