Read the instruction sheet carefully before putting the device into operation!

Prescribed use

This training panel is part of the modular TPS training panel system and permits the three-phase power supply of experiment setups. The training panel is also equipped with a protective power circuit-breaker. Furthermore, in the case of 726 75 there is an additional fault-current circuit-breaker 30 A for protection against leakage and creepage currents.

Location of use

- Stationary use in dry rooms suitable for electrical equipment or installations.
- Installation solely in 19" housing

1 Safety instructions

This device is designed according to protection class I and corresponds to the safety directives as set forth in EN 61010. Safe operation is guaranteed when the device is used as stipulated. However, safety is not ensured if the device is operated improperly or handled without care.

- The output voltage is contact-hazardous!
- Establish the protective earth conductor/PE connection to the experiment setup.
- Test the function of the control lamps before operation.
- Test the function of the residual-current-operated circuit-breaker before operation. (only 726 75)
- Always make sure that the reverse-polarity control lamp does not light up.
- Only use safety connecting leads/bridging plugs.
- Only perform modifications to the experiment setup when the device is switched off.
- Never feed separate voltage sources to the sockets.
• If you assume that safe operation is no longer possible (e.g. in the case of visible damage), then the device must be switched off immediately and secured to prevent it from being accidentally put back into operation.

2. Description

![Diagram of device components](image)

1. Mains switch
2. Residual-current-operated circuit-breaker 30 mA, (only 726 75)
3. Motor circuit-breaker 6...10 A (only 726 75)
4. Automatic circuit-breaker 10 A (only 726 74)
   for the phases L1, L2, L3 (three-phase feed)
5. Automatic circuit-breaker 10 A (only 726 74)
   for phase L1 (single-phase feed)
6. Phase control lamp L1, L2, L3,
   to monitor the voltage at the connection sockets L1, L2, L3
7. Connection socket L1
8. Connection socket L2
9. Connection socket L3
10. Connection socket N
11. PE connection socket

3. Operation

Motor circuit-breaker (only 726 75)

Setting of the trigger current:
• Mains switch set to „OFF“
• Set small control knob (motor circuit-breaker) to desired current value 6...10 A

If the motor circuit-breaker is triggered when the experiment setup is overloaded:
• Disconnect the experiment setup by setting the mains switch to „OFF“
• Disconnect fault source
• Reset motor circuit-breaker by pressing the pushbutton „I“

Fault-current circuit-breaker (only 726 75)

Testing the function of the FCCB circuit-breaker:
• Set mains switch to „ON“
• Press pushbutton „T“ on the FCCB circuit-breaker
• If the FCCB circuit-breaker is triggered, then correct function is guaranteed

If the FCCB circuit-breaker is triggered for a fault current in the experiment setup:
• Disconnect the experiment setup from the mains by setting the mains switch to „OFF“
• Correct the fault source
• Reset the FCCB circuit-breaker by setting the switch to „I“
If the automatic circuit-breaker is tripped during overload of the experiment setup:

- Disconnect the experiment setup from the mains by setting the mains switch to „OFF“
- Eliminate the fault source
- Reset the automatic circuit-breaker by setting the switch to „I“

4. Technical data

<table>
<thead>
<tr>
<th>Mains switch:</th>
<th>Cam switch, 4pole</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection:</td>
<td>Connecting line with Cekon plug 16 A</td>
</tr>
<tr>
<td>Input voltage:</td>
<td>$3 \times 400 \text{ V AC} \pm 10 %$, 50...60 Hz</td>
</tr>
<tr>
<td>Fuses:</td>
<td>72674: Automatic circuit-breaker 10 A, three-pole</td>
</tr>
<tr>
<td></td>
<td>72675: Motor circuit-breaker 6...10 A, adjustable</td>
</tr>
<tr>
<td></td>
<td>72675: Fault-current circuit-breaker 30 mA</td>
</tr>
<tr>
<td>Output:</td>
<td>4 safety sockets, 4 mm</td>
</tr>
</tbody>
</table>