Description
Often it is necessary and useful to optimize the work station design at test stations in the production of electrotechnical /
electronic products. With the use of connection and control panels this is possible. The operation and connection to the
DUT can be flexibly adapted to the requirements. From practical application two basic types result: Panels for electrical
connection via sockets and / or terminals or respectively lab sockets or panels for electrical connection and for
operation. In case of dangerous voltages there are also connection and control panels with 2-hand operation available in
the delivery program. As always with SPS electronic highest attention was paid to the ergonomics with these products,
too. Three console housings have been developed for various applications. Adapted to the requirements of the customer
the optimal connection and control panels are taken from these three housing sizes. The equipping of the individual
elements, sockets and lamps are always customer-specific and can also be changed later. The socket concept is
designed to easily replace the sockets. In almost all applications it is the most economical solution to contact the DUT via
standard sockets. However thereby it is important that the wear parts can be quickly and easily replaced. The connection
to the test device or the test system is performed via a special cable with 3 m (9.8 ft.) length. Both the cable and the plug
connection are designed for voltages up to 5,500 V AC and currents up to 30 A AC. For the connection to the ground
bond test probe the connection and control panels have an additional high current socket. With this the ground bond test
probe can be directly connected at the work station.

Safety
Application with safety current limitation, safety 2-hand operation

Setup
• Ergonomic setup as panel made of impact-proof plastic
• Equipping of sockets according to the application
• Additional terminals and laboratory sockets for free cable ends (flying leads) and manual measurements
• Bridges for the sensor cables at the ground bond test
• Special cable with high voltage plug
• High current socket for the connection to the ground bond test probe

Versions

<table>
<thead>
<tr>
<th>Equipment</th>
<th>A3 / 1800</th>
<th>A7 / 3800</th>
<th>A8 / 3800</th>
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</thead>
<tbody>
<tr>
<td>3 sockets according to national standard</td>
<td>4 sockets according to national standard</td>
<td>1 socket according to national standard</td>
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<tr>
<td>4 mm (0.16 in.) laboratory sockets</td>
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<tr>
<td>Quick-release-terminal</td>
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<tr>
<td>High current socket for ground bond test probe</td>
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<tr>
<td>Push button, lamps, emergency stop</td>
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<tr>
<td>2-hand control buttons</td>
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<tr>
<td>Option</td>
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<tr>
<td>Connection</td>
<td>Connection cable 3 m (9.8 ft.) long with high voltage plug for test cables and industrial plug</td>
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<tr>
<td>Dimensions (HxWxD)</td>
<td>130 x 390 x 265 mm (5.1 x 15.4 x 10.4 in.)</td>
<td>112 x 290 x 184 mm (4.4 x 11.4 x 7.2 in.)</td>
<td>66 x 190 x 153 mm (2.6 x 7.5 x 6.0 in.)</td>
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Accesories
• User-specific equipping
• Universal socket PP 20