

DATA SHEET

Accessories: Connection and control panels



Connection and control panel A3 / 1800 with safety 2-hand operation



Connection panel A7 / 3800



Connection panel A8 / 3800

Description	Often it is necessary and useful to optimise 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 as well as 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	<ul style="list-style-type: none"> • 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		A3 / 1800	A7 / 3800	A8 / 3800
Equipment		3 sockets according to national standard	4 sockets according to national standard	1 socket according to national standard
		4 mm (0.16 in.) laboratory sockets		
		Quick-release-terminal	-	-
		High current socket for ground bond test probe		
		Push button, lamps, emergency stop	-	-
2-hand control buttons		Option	-	-
Connection		Connection cable 3 m (9.8 ft.) long with high voltage plug for test cables and industrial plug for control wires		
Dimensions (HxWxD)		130 x 390 x 265 mm (5.1 x 15.4 x 10.4 in.)	112 x 290 x 184 mm (4.4 x 11.4 x 7.2 in.)	66 x 190 x 153 mm (2.6 x 7.5 x 6.0 in.)
Accessories		<ul style="list-style-type: none"> • User-specific equipping • Universal socket PP 20 		