

# Connection & Control Panel

## A3/1800, A7/3800, A8/3800

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 - 5,500 VAC and currents - 30 AAC. 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.

A3/1800			A7/3800			A8/3800	
A3/1800-b	A3/1800-k	A3/1800-u	A7/3800-a	A7/3800-p	A7/3800-b	A8/3800-p	A8/3800-b
3 sockets according to country standard EU, I, US for DUT connection			2 sockets according to EU, US country standard for the DUT connection			1 socket in accordance with various national standards for the DUT connection	
2 free slots can be assigned for additional sockets according to country standard			2 free slots can be assigned for additional sockets according to country standard				
Quick-pressure terminals for DUT connection			Banana sockets for DUT connection				
Push-buttons, lights, emergency stop			High-current socket for PE 81-i ground bond test probe				
			CE-compliant design in accordance with EN 50191				
For KT 1886B / KT 1880B series (safety-li- mited appliances)	For KT 1886J / KT 1886B / KT 1880B series (appliances without safety limitation)	For KT 1886B / KT 1880B series (safety-li- mited appliances)	For LG 1800B / LG 1805B series (safety cur- rent limited appliances)	For S 1801M (safety current-limited devices)	For KT 1880B / KT 1886B series (safety cur- rent limited appliances)	For S 1801M (safety current-limited devices)	For KT 1880B / KT 1886B (safety current limited devices)
350 x 130 x 230 mm (WxHxD)			250 x 112 x 150 mm (WxHxD)			150 x 66 x 120 mm (WxHxD)	