

IOA series Portable Distribution Assemblies, 13 Amps, 230 Volts

An adaptable range of robust, all-insulated, Class 1, portable distribution assemblies, incorporating 13A sockets to BS1363 with ratings of IP20, IP44 or IP55. Versions are available with Schuko and other nonstandard sockets. A “power available” indicator can also be fitted.

Enclosure

Portable pattern, moulded from GRP with a carrying handle. The enclosure provides protection to IP55 but the overall rating of the assembly is dependent upon the socket types fitted. Versions with IP20 or IP44 sockets are generally supplied in blue enclosures and versions with IP55 sockets are supplied in black enclosures. Enclosures moulded in other colours can be supplied.

Supply Input

The supply input can either be via a 16A 230V IP67 Appliance Inlet to BS EN 60309-2 or via a flexible cable fitted with a 16A 3P 230V plug to BS EN 60309-2 (IP44 or IP67). Loop-out 16A sockets can be incorporated to link units together. The 3 core input lead can have a cross sectional area of 1.5mm² or 2.5mm² and made from Arctic Grade PVC cable (blue outer sheath), HO7 RN-F tough rubber cable (black outer sheath) or EPR / CSP cable (grey or black outer sheath). The input leads are typically 5 metres or 14 metres but other length leads can be provided.

Sockets

IOA assemblies are generally fitted with 4 no. 13A sockets to BS1363A. Assemblies with sockets rated at IP20 are used for indoor applications. Sockets rated at IP55 are padlockable and are used for outdoor applications. Please note: the IP55 rating is maintained even when a standard 13A plug is inserted into a socket. Sockets with an IP44 rating are also available but the rating reduces to IP20 when a plug is inserted; they are therefore only suitable for use in dry locations. IP20 Schuko sockets can also be fitted and assemblies can be supplied incorporating 13A and Schuko sockets.



A7190507 - DPU



A7070022 - DPUEU



A7070351 - EDPU



A7070351 - EDPU with 13A plug inserted

Standard IOA Assemblies

Part No.	Type	NSN
A7190507	IOA/AI-16/S4-13/IP20 (DPU)	5935 99 883 8324
A7070351	IOA/S4-13/IP55/2.5/HO7 (EDPU)	6110 99 925 0566
A7070350	IOA/AI-CAP/S4-13/IP55	-
A7070335	IOA/S4-13/IP55/AG (RAF)	-
A7070022	IOA/AI-16/S4/IP20 (DPUEU: 2 x 13A, 2 x Schuko)	6110 99 232 3241