

## Insulated Distribution Assemblies

The IDA series of portable, plug-in Distribution Assemblies has been developed to meet the special requirements of installations such as Film and TV Lighting, Outdoor Broadcasts, Events, Exhibitions and Concerts. Standard versions of IDAs are stocked (please see over the page for part numbers) and non-standard items to meet individual customer requirements are made to order.

### Enclosures

IDA enclosures are fabricated from grained, high density polypropylene and are stackable. To provide maximum mechanical protection, sockets and MCBs / RCDs are recessed. Lifting points are also recessed and larger enclosures incorporate a plinth section giving 150mm ground clearance for equipment, which can be a vital benefit for IDAs used in locations where the effectiveness of basic drainage is unknown.

### Supply Input

Via an Appliance Inlet (fixed plug) to BS EN 60309-2 rated at 32A, 63A or 125A, 3P 230V or 5P 400V.

### Distribution and Protection

IDAs incorporate sockets to BS EN 60309-2 rated at 16A, 32A, 63A and 125A, 3P 230V or 5P 400V. As standard, IPX4 sockets are fitted at 16A and 32A and IPX7 sockets are fitted at 63A and 125A. Please specify if IPX7 sockets are required throughout.

Sockets that have a current rating less than the input appliance inlet must be MCB protected. MCBs are to BS EN 60898 and “C” trip devices are fitted unless specified otherwise at the time of order. Sockets can have associated “mains on” indicators and “supply” phase indicators incorporated.

In most instances, sockets should be protected by 30 mA RCD. Protection can be Individual (one RCD per socket) or Group (one RCD protecting a group of sockets). In practice, to avoid nuisance tripping, it is recommended to protect individually 400V 5P sockets and 230V sockets above 32A rating. At the time of inquiry, please specify preferences regarding the use of RCBOs versus separate MCBs / RCDs.

For supervised Film Lighting Installations to BS5550 Part 7, RCDs that can be disarmed via a key operated switch can be incorporated.

For higher current requirements, please see our range of Crash Frame protected distribution assemblies.



P10 series enclosure, sockets on opposite side



P20 series enclosure, MCB/RCDs on opposite side



P30 series enclosure, MCB/RCDs on opposite side



P30 series enclosure, sockets on opposite side

## Stock IDAs - Specifications and Part Numbers

### Part Number S090017

Type P10/AI-32/400/S6

Supply Input: 32A 5P 400V Appliance Inlet  
Distribution: 3 no. 32A 3P 230V sockets  
3 no. 16A 3P 230V sockets  
Protection: Individual DPN RCBOs, 30mA sensitivity  
Indicators: Supply phase indicators and individual "power available" indicators to each socket  
Weight: 10 kgs  
Dimensions: 245H x 515W x 375D, mm



S090017 - Rear View

### Part Number S090018

Type P20/AI-63/400/I-63/S9

Supply Input: 63A 5P 400V Appliance Inlet  
Mains Isolator: 63A 4P  
Distribution: 3 no. 32A 3P 230V sockets  
6 no. 16A 3P 230V sockets  
Protection: Individual DPN RCBOs, 30mA sensitivity  
Indicators: Supply phase indicators and individual "power available" indicators to each socket  
Weight: 20 kgs  
Dimensions: 445H x 515W x 375D, mm



S090018 - Rear View

### Part Number S090022

Type P30/AI-125/400/I-125/S13

Supply Input: 125A 5P 400V Appliance Inlet  
Mains Isolator: 125A 4P  
Distribution: 2 no. 63A 5P 400V sockets  
2 no. 32A 5P 400V sockets  
3 no. 32A 3P 230V sockets  
6 no. 16A 3P 230V sockets  
Protection: 400V Sockets individually protected by TPMCB / 4P RCD combinations, 30 mA sensitivity  
230V Sockets individually protected by DPN RCBOs, 30 mA sensitivity  
Indicators: Supply phase indicators and individual "power available" indicators to each socket  
Weight: 30 kgs  
Dimensions: 560H x 515W x 375D, mm



S090022 - Front View



S090022 - Rear View

Please refer our inquiries for non-standard assemblies to our Crayford and Wakefield Customer Service Centres.