

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 maximise strength and longevity, internal mounting plates “slot” into enclosure bodies prior to welding. The resulting enclosures are able to withstand far higher levels of shock than enclosures that are of “welded only” construction.

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 (data sheet ref. TMPDS22).



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

THE POWER PROFESSIONALS

HIGHER POWER TRANS POWER SAFE POWER TEM POWER PRO POWER GREEN POWER

THE COMPANY RESERVES THE RIGHT TO CHANGE PRODUCTS WITHOUT PRIOR NOTICE.



Cert. No. 902091

TMPDS27 - 07/08

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 - Front 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 TP MCB /
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.

- **SOUTH** 1 Thomas Road, Optima Park, Crayford, Kent DA1 4GA Tel: 0845 074 0084 Fax: 0845 074 0085
 - **NORTH** Unit 55, Monckton Road Ind Estate, Wakefield WF2 7AL Tel: 0845 074 0086 Fax: 0845 074 0087
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