

DeskPod™ Desk modules



Ackermann DeskPod™ offers a wholly comprehensive range of fully customisable and preconfigured desk modules, providing convenient access to power and data services to the end user, where it is needed.

Delivering the final link in the chain of the power distribution circuit, Ackermann desk modules are totally compatible with the Ackermann Interact range of powertrack, floorboxes and grommets. Like all Ackermann products, the range incorporates in-built product design features to address the increasing and varied demands of individual requirements.

Custom designed and versatile to match bespoke requirements

Design your own solution; choose from power only, data only or a combination of both. Ackermann DeskPods can be customised to meet the requirements of almost any application, from the smaller office to larger commercial offices and call centres alike.

Stylish and subtle

Configured around a silver anodised aluminium extrusion, offering robustness whilst maximising overall style and aesthetics. The mouldings – in a black textured matt finish – are both scratch resistant and chemical resistant, as well as flame retardant. All these features make the Ackermann DeskPod™ unobtrusive and durable in any environment.

Safety guaranteed

Ackermann offers the only desk module which incorporates the unique MK Electric 13A socket with its 3 pin operated shutter system, for ultimate user safety. All products are covered by a 10 year guarantee for assured quality confidence.

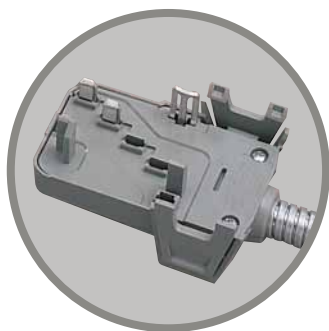
Ease of installation

The integral 2 position fixing brackets allow quick and simple alignment and mounting of the product.

Breadth of range

Whilst offering power, data or both, all are compatible with the full Ackermann range, including pre wiring to tap offs.

DeskPod™ Desk modules Features



**AVAILABLE PRE-WIRED TO
TAP OFFS FOR A SPEEDIER
INSTALLATION**

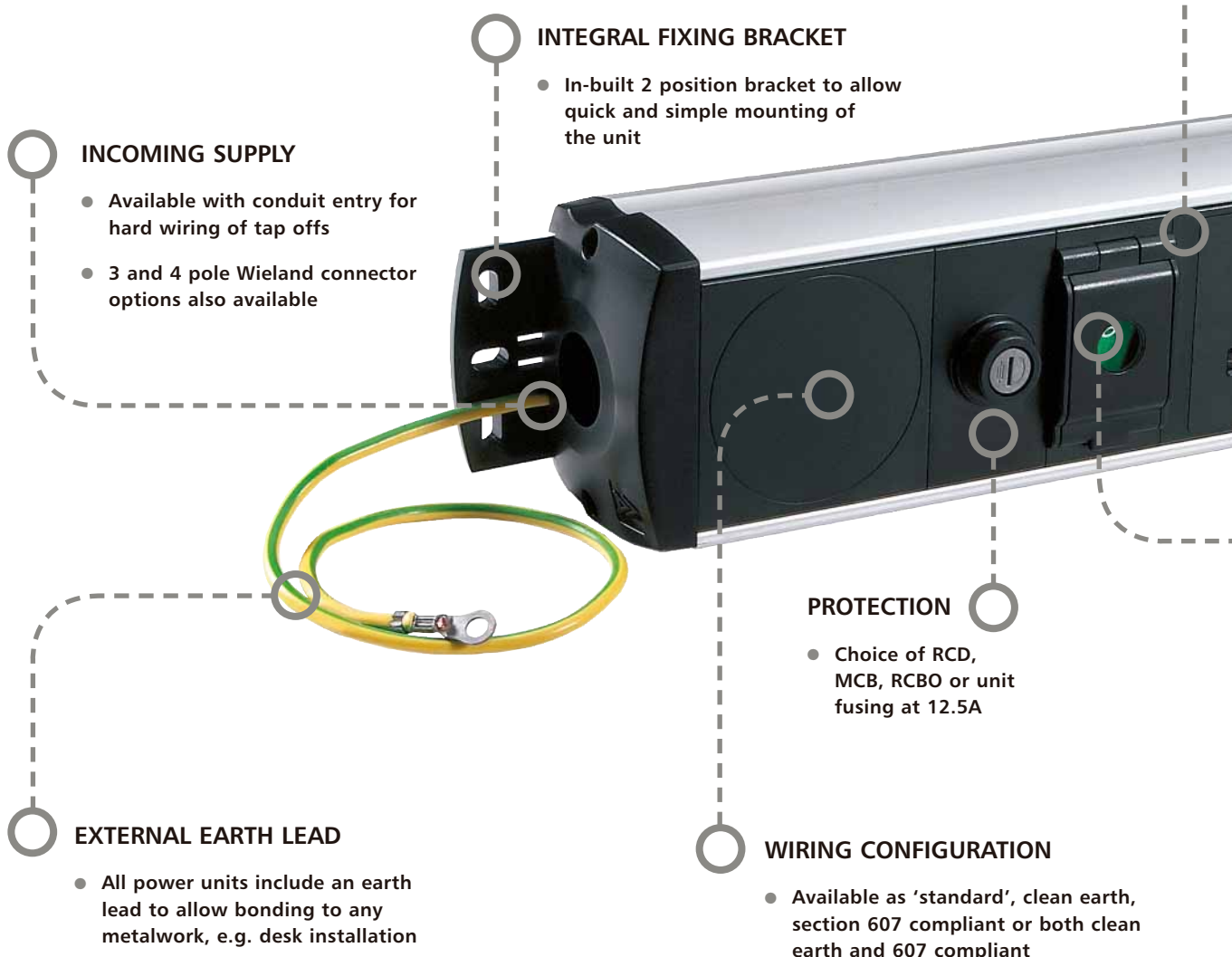


ACKERMANN 8" GROMMET

- NEW addition to Ackermann's range of access grommets – for those applications where desk modules are required to be contained within the floor void

TEXTURED BLACK MOULDED FINISH

- Manufactured from polycarbonate
- Chemical resistant
- Colour fade resistant
- Scratch resistant
- Flame retardant
- Impact resistant



INCOMING SUPPLY

- Available with conduit entry for hard wiring of tap offs
- 3 and 4 pole Wieland connector options also available

INTEGRAL FIXING BRACKET

- In-built 2 position bracket to allow quick and simple mounting of the unit

EXTERNAL EARTH LEAD

- All power units include an earth lead to allow bonding to any metalwork, e.g. desk installation

PROTECTION

- Choice of RCD, MCB, RCBO or unit fusing at 12.5A

WIRING CONFIGURATION

- Available as 'standard', clean earth, section 607 compliant or both clean earth and 607 compliant

SOCKETS

- Choose from 2 to 10 sockets in a single 'power only' unit
- Each socket can be individually orientated to suit – 2 orientations available, North and South
- MK Electric Sockets fitted as standard
- Incorporates the MK Electric unique 3 pin operated shutter system, for the safest sockets available
- Option for sockets to be individually fused – at 3A or 5A (latter for up to four sockets)
- Available in black as standard

ANODISED ALUMINIUM EXTRUDED 'POD'

- Styled and finished to be aesthetically pleasing
- Robust construction

MODULES

- Available with choice of Euro or LJU6C sized apertures
- Choose from 2 to 20 module apertures in a 'Data Module Only' unit
- Wide range of Euro and LJU6C modules available from MK Electric, including data, phone and co-ax

SWITCH

- Optional Double Pole neon switch available
- Neon indicator to provide user with visible indication of power supply
- Positive switch action – audible indication of switching
- Switch Cover (with view cut out) – protects the unit from inadvertent switching.
- Double Pole Switch – all contacts are disconnected for added user safety

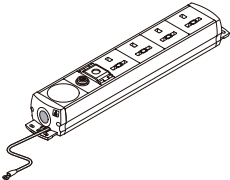
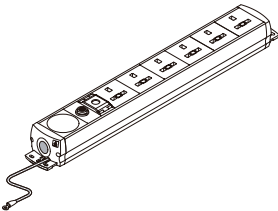
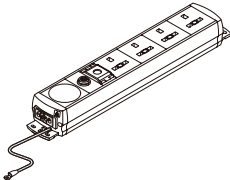
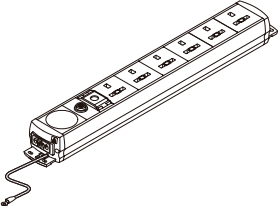
SEGREGATION

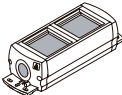
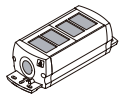
- Combined Power and Data units come pre-segregated for installation convenience





DeskPod™ Product selector

Standard pre-configured options

POWER MODULES		
	PART NUMBER	DESCRIPTION
	DP P4010	4x 13A socket, unit fused 12.5A, unit switched, Section 607 wiring, conduit entry (20mmø)
	DP P6010	6x 13A socket, unit fused 12.5A, unit switched, Section 607 wiring, conduit entry (20mmø)
	DP P4020	4x 13A socket, unit fused 12.5A, unit switched, 3 Pole Wieland connector
	DP P4030	4x 13A socket, unit fused 12.5A, unit switched, Section 607 wiring, 4 Pole Wieland connector
	DP P6020	6x 13A socket, unit fused 12.5A, unit switched, 3 Pole Wieland connector
	DP P6030	6x 13A socket, unit fused 12.5A, unit switched, Section 607 wiring, 4 Pole Wieland connector

DATA MODULES		
	PART NUMBER	DESCRIPTION
	DP D2000	4 modules, euro sized apertures (25x50mm), conduit entry (20mmø)
	DP D2100	4 modules, LJU6C sized apertures (22x37mm), conduit entry (20mmø)

POWER CABLES AND INTERLINK CABLES*		
	PART NUMBER	DESCRIPTION
	DP C1120	Power lead, 13A plug to 3 Pole Wieland GST – 2 metres
	DP C1130	Power lead, 13A plug to 3 Pole Wieland GST – 3 metres
	DP C1150	Power lead, 13A plug to 3 Pole Wieland GST – 5 metres
	DP C2205	Interlink cable 3 Pole Wieland GST – 0.5 metre
	DP C2210	Interlink cable 3 Pole Wieland GST – 1 metre
	DP C3305	Interlink cable 4 Pole Wieland GST – 0.5 metre
	DP C3310	Interlink cable 4 Pole Wieland GST – 1 metre

* Refer to BS6396 where appropriate

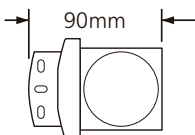
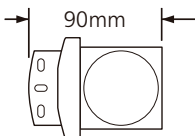
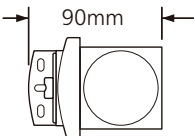
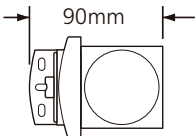
DeskPod™ Custom design

How to order your Ackermann DeskPod™

To custom design your DeskPod™ please contact our trained Customer Service Engineers who will be happy to assist in developing a desk module solution to suit your exact requirements.

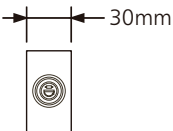
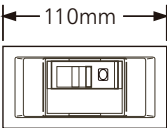
A comprehensive range of options are available for you to choose from. Please refer to the tables below for details.

Ackermann Customer Services: 01268 563552.

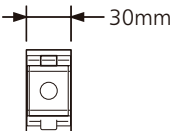
SUPPLY OPTIONS		
	None	End cap includes 20mm diameter hole for conduit or cable gland.
	Pre Wired to Tap Off	Module can be supplied pre wired to supply cord or Powertrack tap-off For full range of Ackermann Powertrack tap-offs refer to page 7.
	3 Pole Wieland GST connector*	Standard power
	4 Pole Wieland GST connector*	Clean earth system Dual earth conductors for compliance to Section 607, BS 7671

End caps include fixing bracket. * Wieland connectors include retaining clip to minimise risk of accidental disconnection.

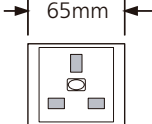
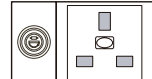
WIRING OPTIONS		
	Standard	Single protective conductor
	Clean Earth	Additional clean earth protective conductor
	Section 607	Protective conductor meets requirements for Section 607, BS 7671
	Clean Earth & 607	Clean earth conductor meets requirements for Section 607, BS 7671

CIRCUIT PROTECTION OPTIONS		
	Unit fuse	12.5A High breaking capacity ceramic fuse to BS EN 60127-2 Fuse length = 32mm Fuse diameter = 6.35mm
	MCB RCD RCBO	16A, Type B, Single Pole (6kA) (MK Sentry) 16A, 30mA tripping current, Double Pole (6kA)* (MK Sentry) 16A Type B, 30mA tripping current, Double Pole (6kA)*

* Alternative circuit protection ratings available on request.

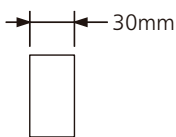
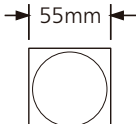
CIRCUIT ISOLATION		
	Double pole neon switch	Switch cover fitted as standard Colour of neon – green

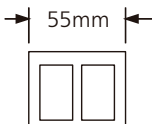
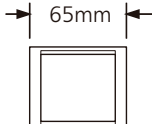
DeskPod™ Custom design

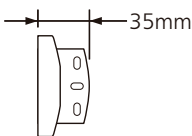
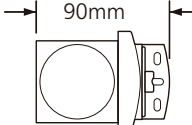
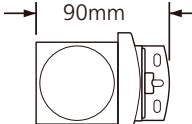
POWER SOCKETS		
	13A socket	MK 13A socket to BS 1363 Part 2 Colour of socket – black (white available on special request)
	13A socket – individually fused*	Individually fused at 5A** Individually fused at 3A** MK 13A to BS 1363 Part 2 Colour of socket – black (white available on request)

*High breaking capacity ceramic fuse to BS EN 60127-2. Fuse length = 32mm. Fuse diameter = 6.35mm

**For information regarding available socket and fuse options see Technical page.

SPACERS		
	Half spacer	
	Full spacer	

DATA		
	LJU6C/RJ45	Aperture size = 22mm x 37mm A range of data connectors suitable for this module are available from MK
	25mm x 50mm or 50mm x 50mm Accessories	Aperture size = 50mm x 50mm A range of data connectors suitable for this module are available from MK

END CAPS		
	Blank	Solid end cap
	None	End cap includes 20mmø hole for conduit or cable gland (used for data only module)
	3 Pole Wieland GST connector	Standard power
	4 Pole Wieland GST connector	Clean earth system Dual earth conductors for compliance to Section 607, BS 7671

DeskPod™ Custom design

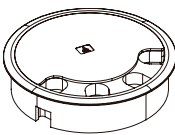
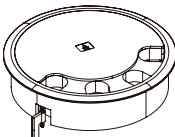
TAP OFF LEADS												
TYPE	PIN POSITION					CABLE / CONDUIT	CURRENT RATING	PROTECTION	3 METRE**		5 METRE*	
									1.5mm ²	4.0mm ² ***	1.5mm ²	4.0mm ² ***
Standard Grey				N2	L2	PE	LSF / LSF	13A	Fused	UT31301C		UT51301C
							16mm	32A	Unfused		UT33201	UT53201
							16mm	13A	Fused	UT31301		UT51301
Aux./Phase 1 Green	PE	N1	L1				LSF / LSF	13A	Fused	UT31302C		UT51302C
							16mm	32A	Unfused		UT33202	UT53202
							16mm	13A	Fused	UT31302		UT51302
Phase 2 Green	PE	N1		L2			LSF / LSF	13A	Fused	UT31310C		UT51310C
							16mm	32A	Unfused		UT33210	UT53210
							16mm	13A	Fused	UT31310		UT51310
Phase 3 Green	PE	N1			L3		LSF / LSF	13A	Fused	UT31311C		UT51311C
							16mm	32A	Unfused		UT33211	UT53211
							16mm	13A	Fused	UT31311		UT51311
CE Red	CE	N1	L1			PE	LSF / LSF	13A	Fused	UT31304C		UT51304C
							16mm	32A	Unfused		UT33204	UT53204
							16mm	13A	Fused	UT31304		UT51304

Alternative tap-offs available on request.

*Unfused tap-offs in excess of 3m can only be used on Powertrack protected 32A (or less) circuit protection device.

**3m tap-offs have 2.8m conduit + 3m conductors to comply with BS7671 IEE Wiring Regulations.

***4mm² conductor required for section 6C7 compliance.

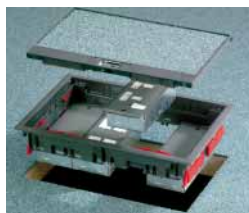
8" ACCESS GROMMETS			
	DESCRIPTION	DARK GREY	LIGHT GREY
	Simple Access Grommet	GR850GRY	G850LGY
	Secure Access Grommet	GR855GRY	G855LGY

Other products available from Ackermann



INTERACT POWERTRACK

Designed for maximum flexibility in power distribution for raised floor applications



CABLELINK RAPIDE EXTRA

Easy to fit floorboxes provide power, voice and data services for raised floors



CABLEMANN EXTRA GROMMETS

Cost-effective means of accessing services beneath the floor



ONIX

Unique, innovative solution to hard floor power and data distribution requirements



ACKERMANN SCREEDED

For adaptable power, data and telecom distribution through screeded floors

DeskPod™ Desk modules

Standards

The Ackermann desk module range is designed and tested to BS 5733 (General requirements for electrical accessories). The sockets are designed and tested to BS 1363 Part 2 (Specification for 13 A switched and unswitched socket-outlets).

This range of desk modules is designed to be used in Electrical installations to BS 7671 and, with certain restrictions, in installations complying with BS 6396. Further information regarding BS 6396 is given below.

BS 6396: 2002: Electrical systems in office furniture and office screens – specification

Ackermann can supply desk modules that may be used in installations complying to BS 6396.

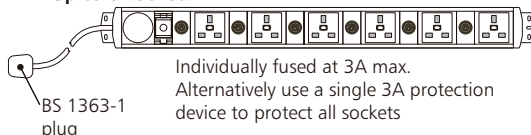
The following restrictions are placed on these desk modules:

- Maximum current rating = 13A and maximum voltage rating = 250V ac
- The supply cord must connect to the permanent electrical installation via a standard 13A plug to BS 1363-1
- All sockets, connected to a single supply, must be protected as follows:

Up to 4 sockets



Up to 6 sockets



No more than six sockets can be connected to a single supply.

No single item of equipment having a rated voltage greater than 250V and rated current greater than 5A must be connected to the desk module.

The desk module must be connected to an electrical supply that has a protective (Earth) conductor.

The completed installation must be inspected and tested for:

- Continuity and polarity of the conductors
- Insulation resistance
- Earth continuity

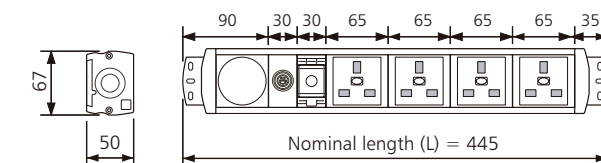
Details of the tests are given in the installation instructions. These tests must be carried out whenever the system is reconfigured.

It is recommended that the installation is periodically maintained, inspected and tested.

For full details of the requirements for the rest of the installation refer to BS 6396.

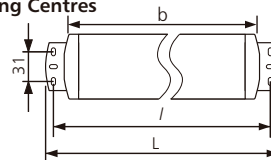
Dimensions

The nominal length of each configuration can be estimated using the dimensions shown in the Custom Design section of this brochure. eg: Part number DP P4010.



Dimensions in mm

Fixing Centres



/Bracket retracted (B)/
Screw fixing pitch (l)
= Nominal length (L) - 17mm
(Bracket extended)

E.g. DP P4010 =
(445 - 17)mm = 428mm

Materials

Main housing	Anodised aluminium extrusion
Mouldings	High impact, flame retardant grade of polycarbonate
Internal wiring	Single cables insulated in low smoke, low fume grade of material to BS 7211
Power leads	Multicore flexible cable to BS 6500. Insulation PVC (low smoke and fume available on request)

ACKERMANN



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Literature Ref: Hmann AK/04-04-01



Novar Intelligent Building Systems offers a uniquely comprehensive range of solutions for specifiers and installers of fire, security, building management, datacoms and electrical installation products and is equipped to provide a single source solution for all your requirements