



iPower Catalogue

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Product overview

The latest advancement in the iPower range of products is an updated version of our main IP product set now incorporating a Linux based processor. This development provides for greater management capabilities and higher level of security for the ever demanding market sector. Available in the full spectrum of options maintaining the same level of monitoring, environmental and security capabilities with additional features. All iPower units remain fully UK manufactured with a 5 year return to base warranty*

Key Features

All of the iPower IT range of products include as standard the following:

- ✓ Linux based operating platform
- ✓ latest levels of security and operating protocols
- ✓ Very accurate (+/- 1%) energy management information via calibrated resistor
- ✓ In built WEB browser
- ✓ Free supplied management software with no ongoing charges
- ✓ Free access to MIB files for 3rd part applications
- ✓ USB port for a multitude of applications
- ✓ WEB Cam image capture
- ✓ Active display
- ✓ Hot swap options
- ✓ Supports up to 50 x IP addresses
- ✓ Can daisy chain up to 32 units per IP address



Environmental

iPower comes with comprehensive environmental monitoring including ports for:-

- 8 x Temperature sensors.
- 1 x Humidity/Temp sensor.
- 3 x sets of Volt Free contacts.
- 1 x USB



Communications/Security

- Communications HTTP, HTTP,s, HTML, CGI, Telnet, SMTP, Syslog, Radius, SNMPv2 & v3, IPv4 & v6
- Inbuilt web browser
- Free of Charge SNMP management software
- Supplied MIB for integration into 3rd party DCiM
- Full DCiM solutions available



Security

iPower covers the requirements for cabinet security with ports for:-

- Electronic door locks.
- Card readers.
- Pin pads.
- Door contacts.



Build Standard

- Fully CE/WEE/RoSH compliant
- Manufactured to EN60950-1/EN62368-1
- Mains build 3rd part independantly approved
- 5 year return to base warranty cover*
- Thermal trips/Individual fuse sockets
- Individually fuse socket
- breakers
- branch circuit monitoring

While the IT range of units offer a multitude of environmental and security capabilities its prime function is the monitoring and controlling of power. Using a calibrated resistor taking readings 4000 times per minute offers accurate direct and calculated measurements with an accuracy of +/-1%.

Energy Metrics

All the iPower IT range provides the following information remotely and locally through the display against which min/max level thresholds can be set:

- | | | | |
|--|---|---|---|
| <ul style="list-style-type: none">• RMS Volts• RMS Amps• Kilowatts | <ul style="list-style-type: none">• Internal Temperature• Frequency• Power Factor | Cumulative values include:- <ul style="list-style-type: none">• kWh• kg/CO2• Consumption cost | Additional measurements include:- <ul style="list-style-type: none">• Peak Volts• Peak Current• kVA |
|--|---|---|---|

IP1 - Configuration

Units built as 10amp to 63amp single and 3phase variants to any socket configuration, socket type and quantities provide all of the above energy metrics and features.

IP2 - Configuration

Offering the same environmental and power monitoring capabilities as our IP1 above with the addition functionality of per socket power monitoring. This allows the monitoring and setting of alerts remotely for:

RMS Volts/RMS Amps/Kilowatts/Frequency/Power Factor

IP3 - Configuration

As per the IP2 with remote per socket switching capability with fail on sockets. Sockets can be switched individually or in groups.

IP4 - Configuration

As per the IP3 with per socket switching capability with fail off sockets used to incorporate sequence socket control. Sockets can be switched individually or in groups.

IP5 - Configuration

Providing the same information as that available in our IP1 configuration the IP5 range is a catch all for a multitude of in line units for use with legacy equipment, single or 3phase splitters allowing the full use of sub-floor or high level power supplies. Branch circuit monitoring.

IP6 - Configuration

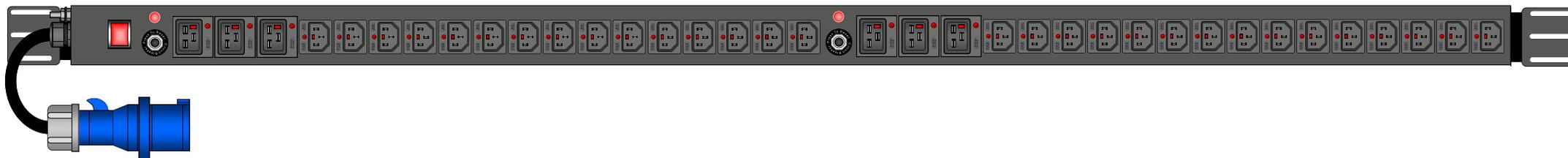
The IP6 units are switching only with no power monitoring capabilities. These units can however provide the full range of environmental and security functions.

The maximum number of sockets for an IP2, IP3, IP4, IP5 & IP6 is 48

If you have a requirement we have solution through the iPower family of products.



DO NOT SCALE



Body Dimensions: 67mm wide x 55mm deep x 1395mm long
Fixing Centres:
Material: Aluminium Extrusion
Finish: Black body
Protection: 2x 16A Thermal trips
Indicator: Overall Neon & Power present neon per trip
Output: 30x IEC C13 Locking (Type F)
 6x IEC C19 Locking (Type J)
Input Lead: 3m of 3x4mm H07 RNF cable to IEC 309 32A plug

Lead Entry Point: Bottom
Estimated weight: 6.8kg
Earthing: M6 Earth stud to end
Rating: 32A @ 240V AC 50/60Hz
Standards: Manufactured in accordance with BS EN 60950-1
WEEE: Compliant
RoHS: Compliant
CE: Compliant
Max Op Temperature: -10° to +40°C



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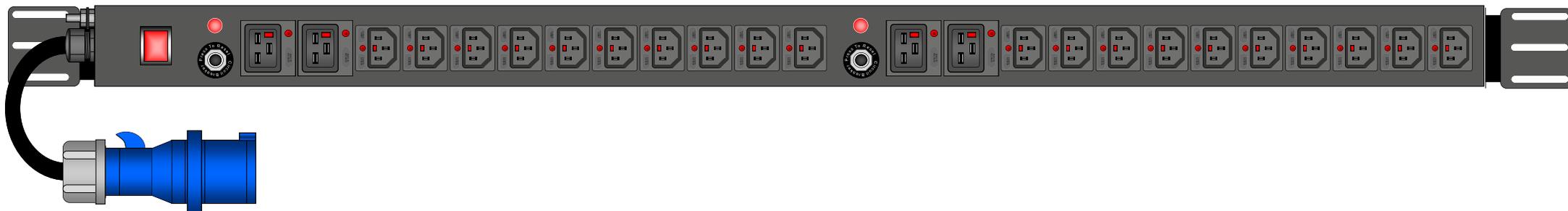
Rev:- AWW

G4-3299B-N3C

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10/2/22

DO NOT SCALE



Body Dimensions: 67mm wide x 55mm deep x 1027mm long
Fixing Centres:
Material: Aluminium Extrusion
Finish: Black body
Protection: 2x 16A Thermal trips
Indicator: Overall Neon & Power present neon per trip
Output: 20x IEC C13 Locking (Type F)
 4x IEC C19 Locking (Type J)
Input Lead: 3m of 3x4mm H07 RNF cable to IEC 309 32A plug

Lead Entry Point: Bottom
Estimated weight: 6.8kg
Earthing: M6 Earth stud to end
Rating: 32A @ 240V AC 50/60Hz
Standards: Manufactured in accordance with BS EN 60950-1
WEEE: Compliant
RoHS: Compliant
CE: Compliant
Max Op Temperature: -10° to +40°C



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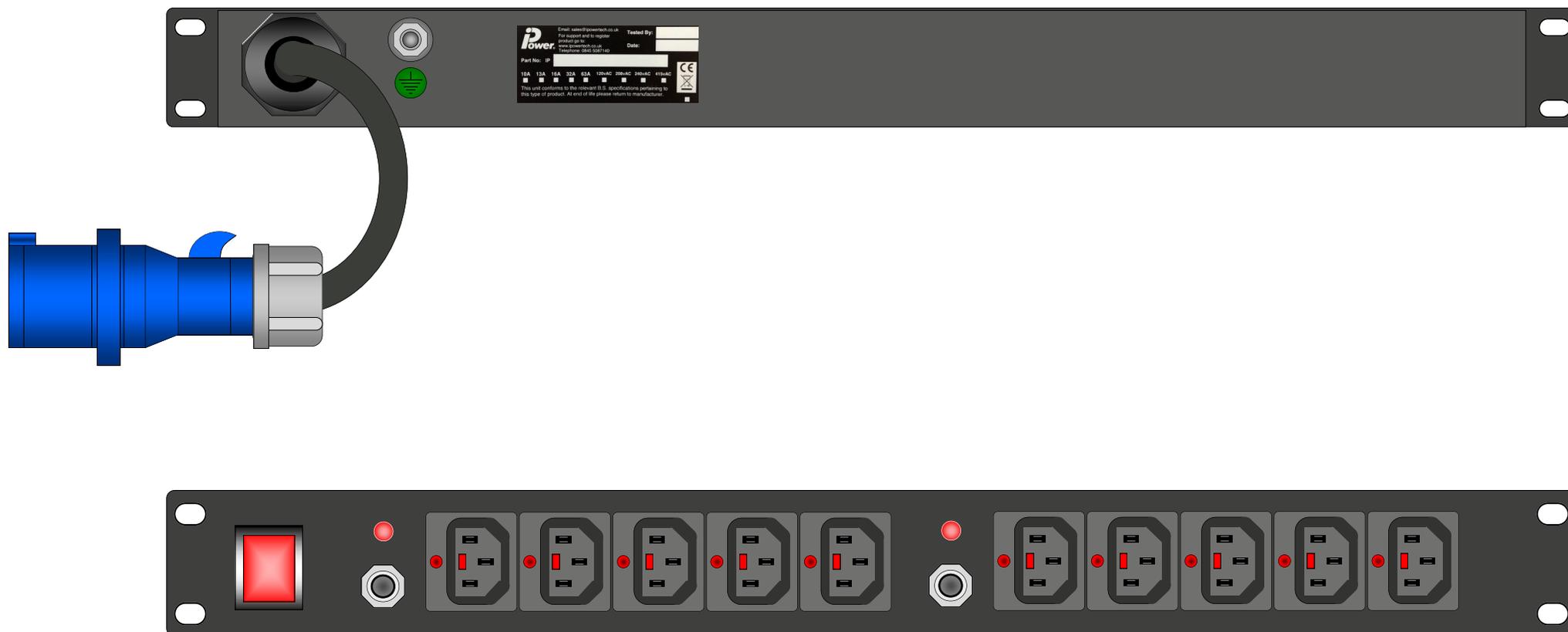
G4-3298B-N3C

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DO NOT SCALE

25mm Gland hole



19" 2u Rack mounted PDU

Case size: 19" 2U x 120mm deep
Case material: Mild Steel
Finish: Black powder coat as standard, other colours to order
Input: 3m of 3x4sq mm H07RN-F cable to 32A Commando
Output: 20xC13LK 4xC19LK
Protection: 2x16A Thermal Trips
Indicator: Individual trip neon indicator

Earthing: M6 Earth stud to rear.
Rating: 32A @ 240V AC 50-60Hz
Standards: Conforms to EN60950-1:2005 2nd edition + AM1 & AM2
WEEE: Compliant
RoHS: Compliant
CE: Compliant
Opp Temp: -10° to +40°C



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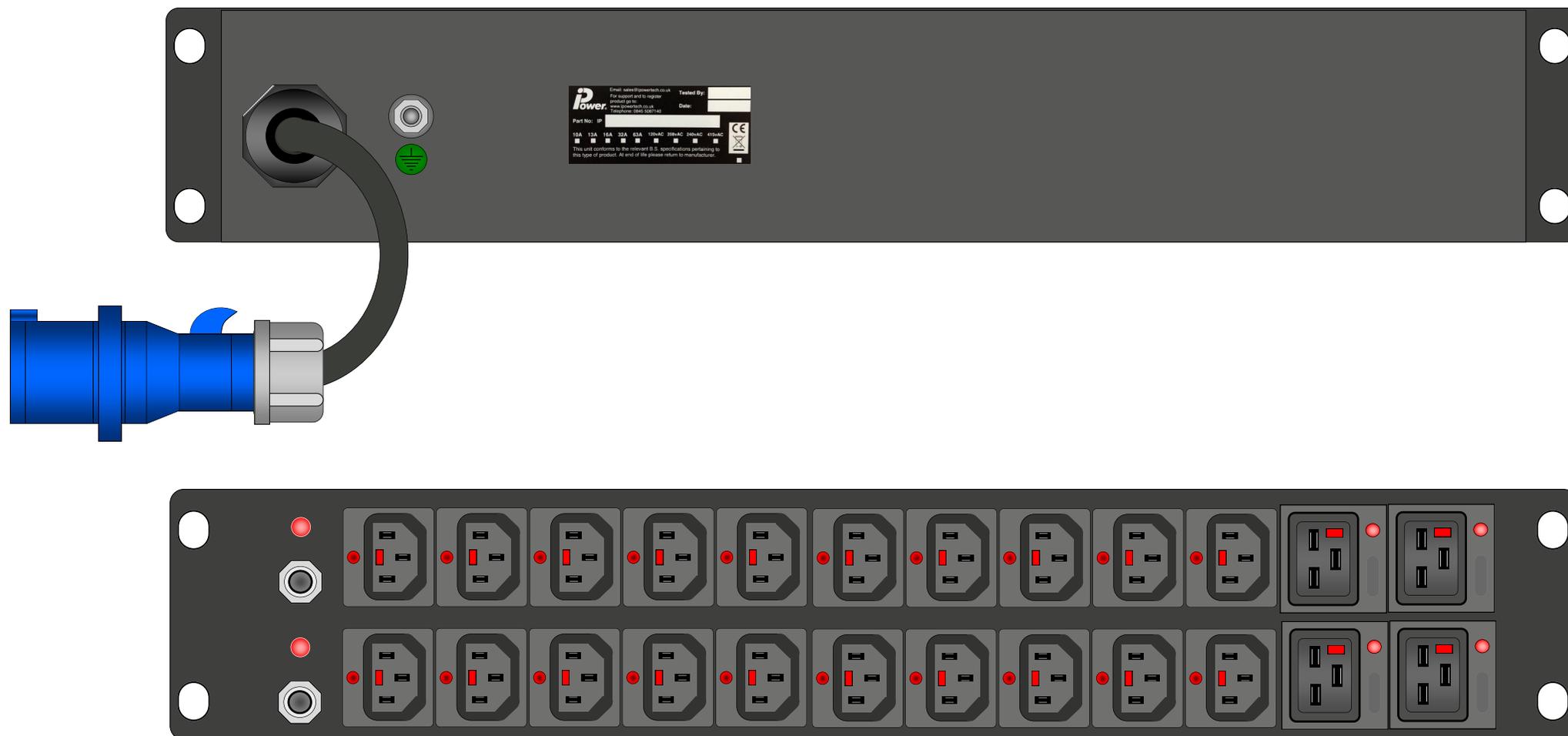
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DO NOT SCALE

25mm Gland hole



19" 2u Rack mounted PDU

Case size: 19" 2U x 120mm deep
Case material: Mild Steel
Finish: Black powder coat as standard, other colours to order
Input: 3m of 3x4sq mm H07RN-F cable to 32A Commando
Output: 20xC13LK 4xC19LK
Protection: 2x16A Thermal Trips
Indicator: Individual trip neon indicator

Earthing: M6 Earth stud to rear.
Rating: 32A @ 240V AC 50-60Hz
Standards: Conforms to EN60950-1:2005 2nd edition + AM1 & AM2
WEEE: Compliant
RoHS: Compliant
CE: Compliant
Opp Temp: -10° to +40°C



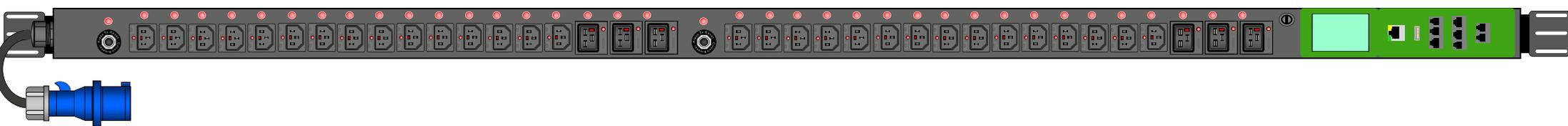
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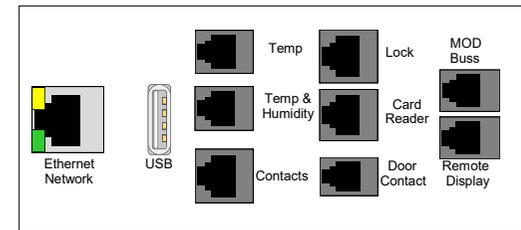
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POSSIBLE 6 WAY
BLOCKS



Body Dimensions: 65mm wide 80mm deep 1767MM long (42u)
Material: Mild Steel
Finish: Black auto as standard
Output: 30xIEC 320 C13 locking, 6xIEC 320 C19 locking
Input Lead: 3mtr of 3x4.0mm2 H07RNF to 32A plug (BS 60309)
Protection: 2 x 16Amp thermal breakers with status neon
Indicator: status neon per outlet
Earthing: M6 Earth stud to End

Rating: 32A @240V AC 50-60 Hz
Earthing: 6mm External earth stud to rear
Standards: Conforms to BS EN60950-1:22005 2nd edition +AM1 & AM2
 Conforms To BS EN62368 1:2014+All:2017
 Independently tested by Intertek
UK CA: Compliant
WEEE: Compliant
RoHS: Compliant
CE: Compliant
Operating Temperature: -10° to +30°C



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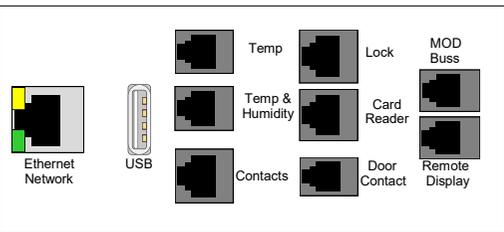
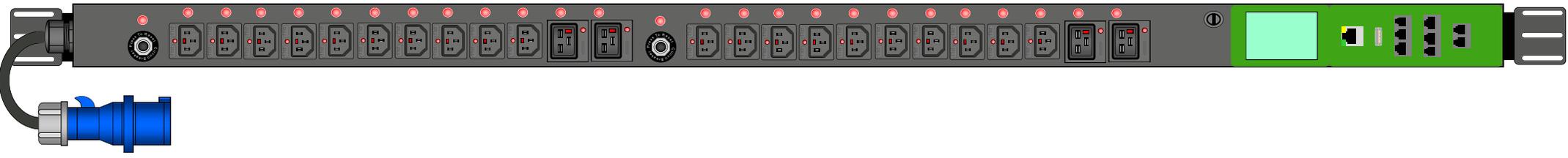
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Project Ref:

10/02/22

IT-328B-IP3-3C

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POSSIBLE 6 WAY BLOCKS

Material: Finish: Output: Input Lead: Protection: Indicator: Earthing:	Body Dimensions: 1327MM long (42u) Mild Steel Black auto as standard 30xIEC 320 C13 locking, 6xIEC 320 C19 locking 3mtr of 3x4.0mm ² H07RNF to 32A plug (BS 60309) 2 x 16Amp thermal breakers with status neon status neon per outlet M6 Earth stud to End	Rating: 32A @240V AC 50-60 Hz Earthing: 6mm External earth stud to rear Standards: Conforms to BS EN60950-1:22005 2nd edition +AM1 & AM2 UK CA: Conforms To BS EN62368 1:2014+All:2017 WEEE: Independently tested by Intertek RoHS: Compliant CE: Compliant Operating Temperature: -10° to +30°C
	Rating: 32A @240V AC 50-60 Hz Earthing: 6mm External earth stud to rear Standards: Conforms to BS EN60950-1:22005 2nd edition +AM1 & AM2 UK CA: Conforms To BS EN62368 1:2014+All:2017 WEEE: Independently tested by Intertek RoHS: Compliant CE: Compliant Operating Temperature: -10° to +30°C	

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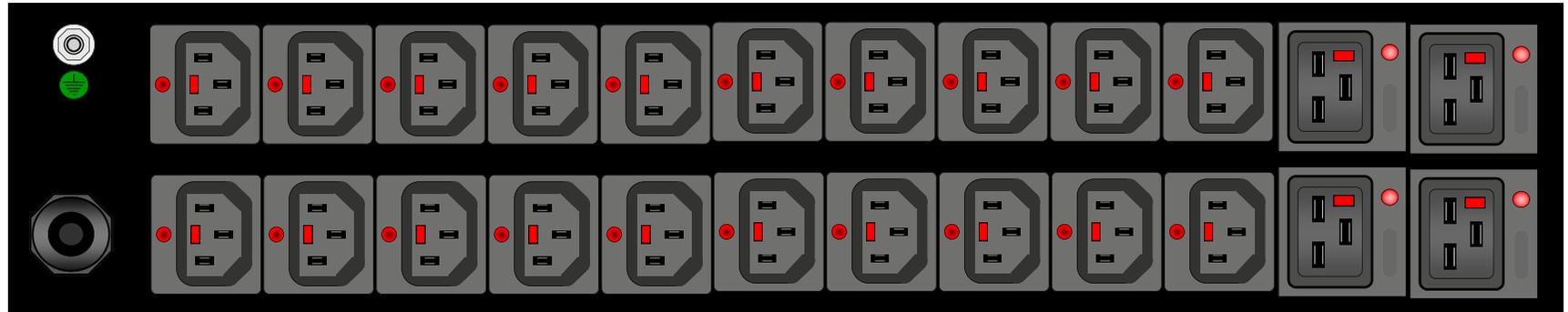
IT-075B-IP3-3C

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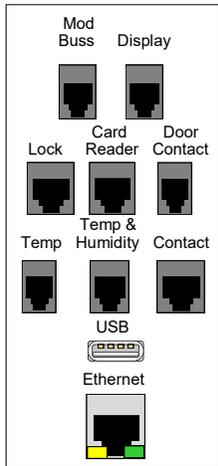
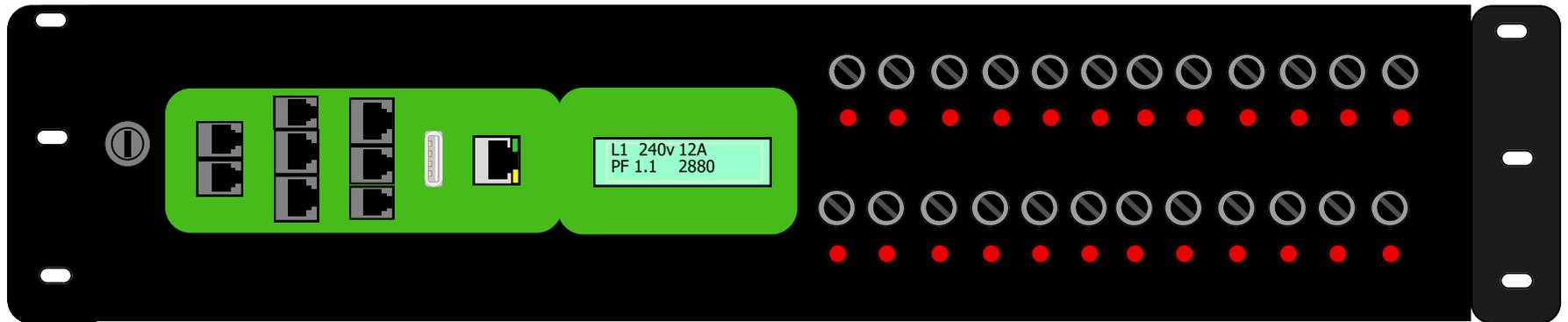
Project Ref:

Horizontal PDU to IP3 Individual Switched and Monitored outlets.

DO NOT SCALE



Front



Body Dimensions: 2U Rack Mount x 250mm Deep
 Fixing Centres: 465mm
 Material: Sheet MS
 Finish: Black powder coat
 Fixing Method: End Brackets
 Protection: Fuse per socket PMU fuse (500mA)
 Indicator: Front display
 Earthing: M6 Earth stud to end
 Rating: 32A @ 240v AC 50-60Hz
 Special Requirements: Cable entry Rear.

Input: 3mtr 3x4.0mmsq Ho7 to 32A Command
 Output: 20xC13LK 4xC19LK
 Estimated weight: 4kg
 Standards: Manufactured in accordance with BS EN 60950-1
 WEEE: Compliant
 RoHS : Compliant
 CE: Compliant
 Max Op Temperature: -10° to +50°C



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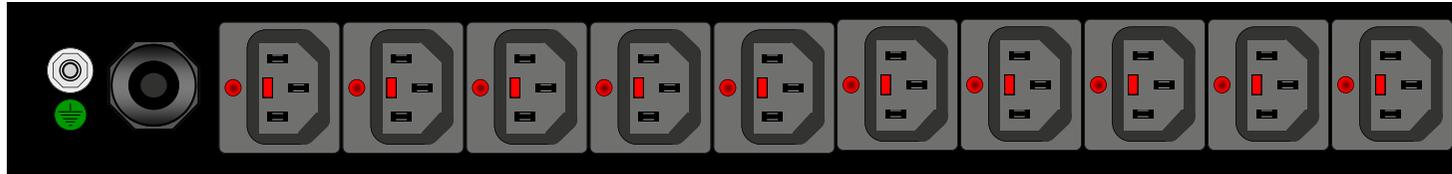
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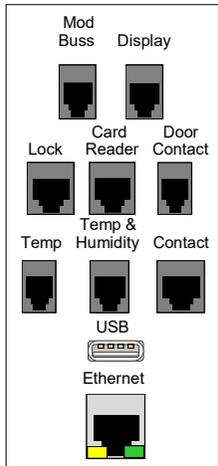
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Horizontal PDU to IP3 Individual Switched and Monitored outlets.

DO NOT SCALE



Front



Body Dimensions: 1U Rack Mount x 210mm Deep
 Fixing Centres: 465mm
 Material: Sheet MS
 Finish: Black powder coat
 Fixing Method: End Brackets
 Protection: PMU fuse (500mA)
 Indicator: Front display
 Earthing: M6 Earth stud to end
 Rating: 32A @ 240v AC 50-60Hz
 Special Requirements: Cable entry Rear.

Input: 3mtr 3x4.0mmsq Ho7 to 32A Command
 Output: 12xC13LK

Estimated weight: 4kg

Standards: Manufactured in accordance with BS EN 60950-1
 WEEE: Compliant
 RoHS : Compliant
 CE: Compliant
 Max Op Temperature: -10° to +50°C



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Rev :- EMM

IT-120-20-IP3-3C

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Price List - Vertical

Part Number	Description	Quantity	Sales
BTS-G4-3298B-N3B	Vertically mounted PDU with 20xC13Locking 4xC19Locking Input 3metre 16A 'Commando' plug	10	£136.62
		50	£120.18
		100	£115.54
BTS-G4-3298B-N3C	Vertically mounted PDU with 20xC13Locking 4xC19Locking Input 3metre 32A 'Commando' plug	10	£151.54
		50	£137.40
		100	£130.54
BTS-IT-075B-IP1-3B	IT IP1 vertically mounted PDU with 20xC13Locking 4xC19Locking - Input 3metre 16A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£600.54
		50	£591.25
		100	£582.69
BTS-IT-075B-IP1-3C	IT IP1 vertically mounted PDU with 20xC13Locking 4xC19Locking - Input 3metre 32A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£612.69
		50	£604.12
		100	£595.54
BTS-IT-075B-IP3-3B	IT IP3 vertically mounted PDU with 20xC13Locking 4xC19Locking - Input 3metre 16A 'Commando' plug Outlet power monitoring and remote control	10	£936.97
		50	£926.26
		100	£918.40
BTS-IT-075B-IP3-3C	IT IP3 vertically mounted PDU with 20xC13Locking 4xC19Locking - Input 3metre 32A 'Commando' plug Outlet power monitoring and remote control	10	£949.11
		50	£938.40
		100	£928.40
BTS-G4-3299B-N3B	Vertically mounted PDU with 30xC13Locking 6xC19Locking Input 3metre 32A 'Commando' plug	10	£224.38
		50	£210.10
		100	£199.74
BTS-G4-3299B-N3C	Vertically mounted PDU with 30xC13Locking 6xC19Locking including 2x16A Trips/breakers Input 3metre 32A 'Commando' plug	10	£234.74
		50	£220.45
		100	£214.74
BTS-IT-328B-IP1-3B	IT IP1 vertically mounted PDU with 30xC13Locking 6xC19Locking - Input 3metre 32A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£636.17
		50	£624.74
		100	£617.60
BTS-IT-328B-IP1-3C	IT IP1 vertically mounted PDU with 30xC13Locking 6xC19Locking - Input 3metre 32A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£664.74
		50	£653.31
		100	£646.17
BTS-IT-328B-IP3-3B	IT IP3 vertically mounted PDU with 30xC13Locking 6xC19Locking - Input 3metre 32A 'Commando' plug Outlet power monitoring and remote control	10	£1,156.88
		50	£1,146.17
		100	£1,140.45
BTS-IT-328B-IP3-3C	IT IP3 vertically mounted PDU with 30xC13Locking 6xC19Locking - Input 3metre 32A 'Commando' plug Outlet power monitoring and remote control	10	£1,183.31
		50	£1,171.88

For full details and specifications please refer to the drawings shown in this brochure

Price List - Horizontal

Part Number	Description	Quantity	Sales
BTS-G4-3300-N3B	1u horizontally mounted PDU with 12xC13Locking Input 3metre 16A 'Commando' plug	10	£98.06
		50	£94.49
		100	£93.06
BTS-G4-3300-N3C	1u horizontally mounted PDU with 12xC13Locking Input 3metre 32A 'Commando' plug	10	£112.34
		50	£108.77
		100	£107.34
BTS-IT-120-20-IP1-N3B	IP1 1u horizontally mounted PDU with 12xC13Locking Input 3metre 16A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£574.49
		50	£567.34
		100	£563.06
BTS-IT-120-20-IP1-N3C	IP1 1u horizontally mounted PDU with 12xC13Locking Input 3metre 32A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£583.06
		50	£575.91
		100	£571.63
BTS-IT-120-20-IP3-N3B	IP3 1u horizontally mounted PDU with 12xC13Locking Input 3metre 16A 'Commando' plug Outlet power monitoring and remote control	10	£747.34
		50	£741.63
		100	£737.34
BTS-IT-120-20-IP3-N3C	IP1 1u horizontally mounted PDU with 12xC13Locking Input 3metre 32A 'Commando' plug Outlet power monitoring and remote control	10	£765.91
		50	£760.20
		100	£755.91
BTS-G4-3301-N3B	2U horizontally mounted PDU with 20xC13Locking 4xC19Locking Input 3metre 16A 'Commando' plug	10	£145.43
		50	£134.00
		100	£129.00
BTS-G4-3301-N3C	2U horizontally mounted PDU with 20xC13LK 4xC19Locking Input 3metre 32A 'Commando' plug	10	£159.00
		50	£147.57
		100	£144.71
BTS-IT-329-IP1-N3B	IP1 2U horizontally mounted PDU with 20xC13Locking 4xC19Locking - Input 3metre 16A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£619.00
		50	£606.14
		100	£597.57
BTS-IT-329-IP1-N3C	IP1 2U horizontally mounted PDU with 20xC13Locking 4xC19Locking - Input 3metre 32A 'Commando' plug Overall unit power monitoring with digital iPower display	10	£650.43
		50	£637.57
		100	£629.00
BTS-IT-329-IP3-N3B	IP3 2U horizontally mounted PDU with 20xC13Locking 4xC19Locking 3mtr 16A - Input 3metre 16A 'Commando' plug Outlet power monitoring and remote control	10	£966.14
		50	£954.71
		100	£944.71
BTS-IT-329-IP3-N3C	IP3 2U horizontally mounted PDU with 20xC13Locking 4xC19Locking 3mtr 32A - Input 3metre 32A 'Commando' plug Outlet power monitoring and remote control	10	£1,000.43
		50	£989.00
		100	£979.00

For full details and specifications please refer to the drawings shown in this brochure