



IT PDU Basic 1 U

With its IT PDU Basic 1 U, BACHMANN provides a huge choice of PDUs in a high-quality aluminium profile. With their extremely compact size of just 1 height unit, 44 mm in depth and 19" in width, the PDUs can be easily integrated into your IT rack.

Their multi-functional mounting brackets allow the units to be easily mounted in various ways (e.g. inwardly recessed). Our high quality standards ensure that the contact is reliable.

- Torsionally rigid 1 U aluminium profile, 19" format
- Up to 9x socket inserts in the 19" format
- Flexible positioning and universal attachment options
- The modular platform allows individual solutions to be project-planned

Versions available:

- Anodised profiles in black or grey
- End caps riveted or rewirable
- Earthing contact and IEC60320 sockets
- Various country versions
- Illuminated 2-pole switch
- Locking of IEC60320 plugs
- 3-way and 12-way variants (no 19" format)
- Type III 6.5KA overvoltage protection
- Mains and frequency filters
- Protection with micro fuse
- 30 mA residual current device
- Micro circuit breaker
- Master + Slave function
- Sockets set at 35°

19" IT PDU Basic (230V/50 Hz)

- Cable type: 2.0m H05VV-F 3G 1.50mm²
- Phase(s): 1
- Nominal voltage: 230V
- Current per phase: 16A

#	Plug	B16A miniature circuit breaker	RCD 30mA	Thermal fuse A	Switch	C13	with locking clips 940.103	C19	CEE 7/3	Outlets in total	Profile colour
333.401	CEE 7/7								9	9	grey
333.506	CEE 7/7								9	9	black
333.400	CEE 7/7				•				8	8	grey
333.505	CEE 7/7				•				8	8	black
333.539	CEE 7/7					9				9	grey
333.616	CEE 7/7					12	•			12	grey
333.815	C20							8		8	grey
800.2332	C20					8		3		11	grey
800.2333	C20							3	6	9	grey
333.416	Terminal								8	8	grey
333.830	Terminal					12				12	grey
With overvoltage protection											
333.404	CEE 7/7								8	8	grey
333.534	CEE 7/7								8	8	black
333.405	CEE 7/7				•				7	7	grey
333.535	CEE 7/7				•				7	7	black
With overvoltage protection Mains and frequency filters											
333.402	CEE 7/7								6	6	grey
333.536	CEE 7/7								6	6	black
333.403	CEE 7/7				•				5	5	grey
333.537	CEE 7/7				•				5	5	black
With mains and frequency filters											
333.406	CEE 7/7								7	7	grey
With fuse											
333.411	CEE 7/7		•						6	6	grey
333.412	CEE 7/7	•							6	6	grey
333.408	CEE 7/7			10		8				8	grey
800.2331	CEE 7/7			10		12	•			12	grey
333.410	C14			10					8	8	grey
333.538	C14			10					8	8	black
333.540	C14			10		8				8	grey
800.2284	C14			10		12	•			12	grey



For more 19" power strips >1 U, see from page 250.

IT PDU Basic (230V/50Hz)

- Cable type: 2.0m H05VV-F 3G 1.50mm²
- Plug: CEE 7/7
- Phase(s): 1
- Current per phase: 16A

#	CEE 7/3	Outlets in total	Dimensions
333.413	12	12	565x44x44 mm
10"			
333.417	3	3	208x44x44 mm
333.0122	4	4	208x44x44 mm
With overvoltage protection			
800.2334	12	12	608x44x44 mm



19" IT PDU Basic Master + Slave (230V/50Hz)

- Cable type: 2.0m H05VV-F 3G 1.50mm²
- Automatically isolates the master unit and all slave units from the mains supply once the master unit is shut down/switched off
- Automatically switches on master device and all slave devices once master device has been switched on
- Integral LED indicates switching state

#	Plug	Phase(s)	Rated voltage (V)	Current per phase (A)	CEE 7/3	Outlets in total
333.407	CEE 7/7	1	230	16	1+4	5



19" fuse box (32A/400V/50Hz)

- Cable type: 2.0m H05VV-F 5G 4.0mm²
- Space-saving option of splitting a 32A/400V infeed between two 16A/400V infeeds
- 6x16A miniature circuit breakers with characteristic C

#	Plug	Phase(s)	Rated voltage (V)	Current per phase (A)	Miniature circuit breaker	CEE	Outlets in total
800.0120	3xCEE 32A	3	400	32	6x C16	6x16A	6



19" IT PDU Basic Switzerland (230V/50Hz)

· Phase(s): 1

#	Cable type H05VV-F	Cable length (m)	Plug	Current per phase (A)	Switch	Thermal fuse (A)	T13	T23	Outlets in total
800.1259	3G 1.0mm ²	2.0	T12	10		10	8		8
800.1262	3G 1.5mm ²	3.0	T23	16				8	8
800.1263	3G 1.0mm ²	2.0	T12	10	●	10	7		7
800.1264	3G 1.5mm ²	3.0	T23	16	●			7	7

With overvoltage protection

800.1260	3G 1.0mm ²	2.0	T12	10		10	7		7
800.1258	3G 1.5mm ²	3.0	T23	16				7	7

With overvoltage protection | Mains and frequency filters

800.1261	3G 1.0mm ²	2.0	T12	16		10	5		5
800.1265	3G 1.5mm ²	3.0	T23	16				5	5



19" IT PDU Basic UK (230V/50Hz)

· Phase(s): 1

#	Cable type H05VV-F	Cable length (m)	Plug	Current per phase (A)	Switch	UK	Outlets in total
333.804	3G 1.5mm ²	2.0	UK	13		7	7
333.805	3G 1.5mm ²	2.0	UK	13	●	6	6



19" IT PDU Basic France (230V/50Hz)

· Cable type: 2.0m H05VV-F 3G 1.50mm²

· Phase(s): 1

· Current per phase: 16A

#	Plug	Miniature circuit breaker	RCD 30mA	Switch	UTE	Outlets in total
333.418	CEE 7/7				9	9
333.819	Terminal				8	8
333.419	CEE 7/7			●	8	8

With overvoltage protection

333.4061	CEE 7/7				8	8
333.838	CEE 7/7			●	7	7

With overvoltage protection | Mains and frequency filters

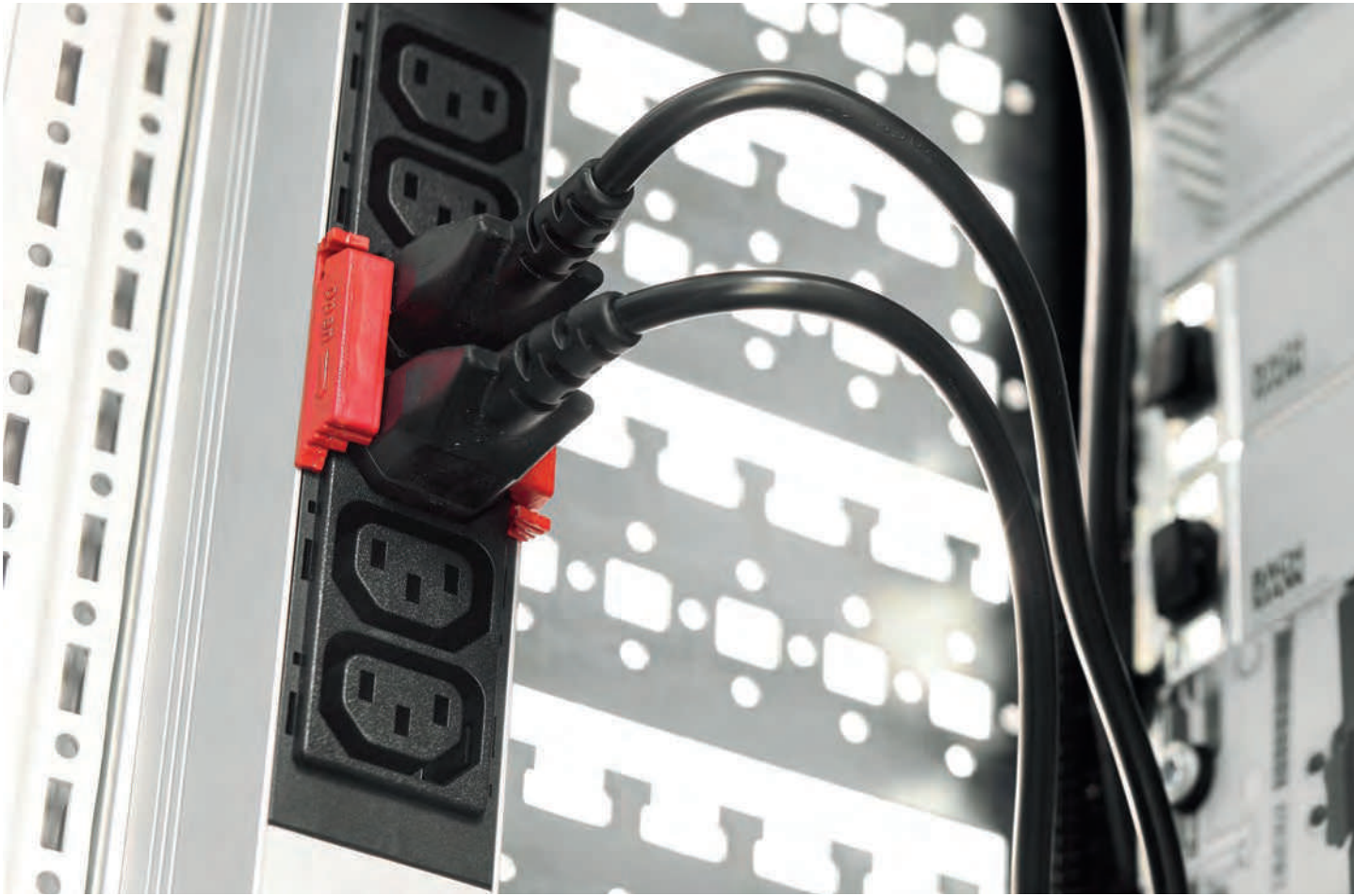
333.4063	CEE 7/7				6	6
333.840	CEE 7/7			●	5	5

With fuse

333.4065	CEE 7/7		●		6	6
333.4066	CEE 7/7	B16			6	6



IT POWER DISTRIBUTION



IT PDU Basic 1 U Vertical

For future-proofed, highly efficient power distribution in data centres, server racks and network racks.

The high-quality and very robust aluminium profile measures a compact 44 x 47 mm.

The space-saving design therefore provides space for data cabling and ventilation for cooling the server rack.

BENEFITS

- **Space-saving integration of PDU into the server rack with scope for modular add-ons**
- **High-quality and very robust aluminium profile**
- **Phases identified by colour**
- **PDU with single or double infeed to increase performance or to create redundancies, up to 96 A per PDU**
- **Customised and country-specific solutions in series quality on request**



IEC60320 C19 with IEC Lock

The IEC Lock system protects computers, as servers and electrical equipment can become accidentally disconnected due to vibrations.

IEC60320 C13, lockable

Two locking clips to secure two connection cables. IEC60320 C13 with IEC Lock available as an option.



Power distribution units

#	Cable type H05VV-F-	Cable length (m)	Plug	Phases	Miniature circuit breaker C16A	C13	with locking clips 940.103	C19	CEE 7/3	Outlets in total	Dimensions (mm)
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16A/230V/50Hz

800.1657	3G 2.5 mm ²	3	CEE	1		24	●	3*		27	1075x44x47
800.2335	3G 2.5 mm ²	3	CEE	1		16			4	20	735x44x47

19" | 16A/400V/50Hz

800.0111	5G 2.5 mm ²	3	CEE	3				6*		6	482.6x44x47
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16A/400V/50Hz

800.0104	5G 2.5 mm ²	3	CEE	3		18		3*		21	821x44x47
800.0105	5G 2.5 mm ²	3	CEE	3		18				18	821x44x47
800.0107	5G 2.5 mm ²	3	CEE	3					15	15	821x44x47
800.0109	5G 2.5 mm ²	3	CEE	3		12			6	18	821x44x47
800.1656	5G 2.5 mm ²	3	CEE	3		24		3*		27	1075x44x47
800.0113	2x5G 2.5 mm ²	2x3	2xWEF**	6		36			12	48	1840x44x47
800.0114	2x5G 2.5 mm ²	2x3	2xWEF**	6		48				48	1840x44x47
800.2337	5G 2.5 mm ²	3	CEE	3		18			3	21	734x44x47
800.2282	5G 2.5 mm ²	3	CEE	3		24		6		30	1116x44x47
800.2339	5G 2.5 mm ²	3	CEE	3		24			6	30	1203x44x47
800.2283	5G 2.5 mm ²	3	CEE	3		24		6	6	36	1457x44x47
800.1453	5G 2.5 mm ²	3	CEE	3		36		6	6	48	1713x44x47
800.2341	5G 2.5 mm ²	3	CEE	3		36		6		42	1457x44x47
800.2342	5G 2.5 mm ²	3	CEE	3		36			6	42	1458x44x47

32A/230V/50Hz

800.0119	3G 4 mm ²	3	CEE	1	2	20				20	778x44x47
800.2336	3G 4 mm ²	3	CEE	1	2	24		4		28	1119x44x47

32A/400V/50Hz

800.0100	5G 4 mm ²	3	CEE	3	6			12*		12	1075x44x47
800.0101	5G 4 mm ²	3	CEE	3	6			6*		6	820x44x47
800.0102	5G 4 mm ²	3	CEE	3	6	36				36	1586x44x47
800.2338	5G 4 mm ²	3	CEE	3	6	24		6		30	1586x44x47
800.2340	5G 4 mm ²	3	CEE	3	6	24			6	30	1586x44x47



800.0113



800.0100



800.0107



800.0105

For **IEC60320** and **earthing contact plug connection cables** available in grey/black to distinguish from power supply (A/B), see page 174.

* C19 with IEC lock

**WEF = ferrules

Pictograms and their meaning can be found on page 279.

IT PDU Basic >1 U ALU

Power distribution units

- Torsionally rigid profile > 1 U (52 mm), profile depth 44 mm
- Modular socket design
- Standard socket colour white; other colours black, yellow, red, brown, blue and green also available
- Optionally with illuminated 2-pole switch
- High-quality electronic components, e.g. type III overvoltage protection, mains and frequency filters
- Mounting brackets included
- End caps riveted and not openable

19" PDU >1 U ALU (230V/50Hz)

- Power input: 2.0m, H05VV-F 3G 1.50mm² | Grey | With moulded right-angled plug with dual earthing contact system
- Phase(s): 1
- Current per phase: 16A
- set at 35°

#	Switch	CEE 7/3	Outlets in total	Dimensions
333.001		8	8	440x52x44 mm
333.000	●	7	7	440x52x44 mm
With overvoltage protection				
333.004		7	7	440x52x44 mm
333.005	●	6	6	440x52x44 mm
With overvoltage protection Mains and frequency filters				
333.002		5	5	440x52x44 mm
331.0202	●	4	4	440x52x44 mm



IT PDU Basic >1 U PVC

Power distribution units

- Torsionally rigid profile > 1 U (52 mm) in high-quality PVC, profile depth 44 mm
- Optionally with illuminated 2-pole switch
- Light grey colour similar to RAL7035
- High-quality electronic components, e.g. type III overvoltage protection, mains and frequency filters
- Mounting brackets included
- End caps riveted and not openable

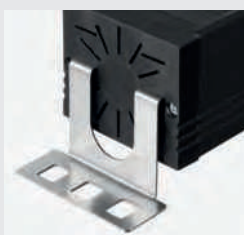
19" PDU >1 U PVC (230V/50Hz)

- Power input: 2.0m, H05VV-F 3G 1.50mm² | Grey | With moulded right-angled plug with dual earthing contact system
- Phase(s): 1
- Current per phase: 16A
- set at 35°

#	Switch	CEE 7/3	Outlets in total	Dimensions
333.601		8	8	440x52x44 mm
333.600	•	7	7	440x52x44 mm
With overvoltage protection				
333.604		7	7	440x52x44 mm
333.605	•	6	6	440x52x44 mm
With overvoltage protection Mains and frequency filters				
333.602		5	5	440x52x44 mm




Stainless steel mounting bracket



Fitted at various heights and angles by fastening in the slots of the end cap.

Accessories

BlueNet BN2000 / BN2000 PLC

#	
329.3102	Temperature sensor 2.00m cable
329.3104	Combination temperature and air humidity sensor 2.00m cable



329.3104



329.3102

BlueNet BN3000 – BN7500 sensors

#	
802.0100	GPIO module

Including 2.0m CAT 5e supply cable with RJ45 plug on both ends

802.0101	Temperature sensor
802.0102	Combination temperature and air humidity sensor




802.0101



802.0102

Plug interlocks

#	
940.103	Locking clips C13 2-way Red Set for 12 C13 outlets
802.0010	Interlock C13/C19 universal height (6 pieces)
940.191	SecureSleeve C14 Red 6 pieces
940.192	SecureSleeve C14 Black 6 pieces
940.193	SecureSleeve C20 Red 6 pieces
940.194	SecureSleeve C20 Black 6 pieces



940.103


802.0010



940.191

940.192

Locking cap IEC60320 C13 & C19

#	
800.0050	C19 locking caps 10 items incl. unlocking tool
800.0051	C13 locking caps 10 items incl. unlocking tool
800.0052	Unlocking tool for locking cap




800.0050

800.0051

800.0052

RackFix tool-free mounting on 19" rail

· Self-locking fixing connector for tool-free mounting of PDUs in 19" rack

#	
940.166	Mounting clip, supplied in packs of 50
940.167	Disassembly tool for fixing clip




940.166

940.167

Shift inhibitor

· To protect against unintentional actuation of miniature circuit breakers and residual current devices


#	
940.140	Activation lock for circuit breakers and switches 1-pole To protect against unauthorised or dangerous activation of the switch lever



940.140

Mounting kits for IT PDUs

· The brackets are screwed to the PDU end cap using a screw connection (screws provided)


#	
940.142	Mounting brackets left and right (1 U)
940.096	Mounting brackets left and right (>1 U)

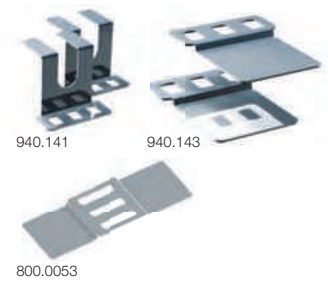


940.142

Mounting brackets for vertical/universal mounting profile variants

· Power strip is fixed by inserting into the profile groove provided
 · No additional screws required

#	
940.141	Mounting brackets left and right (1 U)
940.143	Mounting brackets left and right (1 U) for vertical mounting
800.0053	Link for connecting two vertically mounted PDUs (1 U)




940.141

940.143

800.0053

Replacement mounting accessories (BN3000 – BN7500)

#	
802.0001	Universal mounting kit
802.0002	Mounting kit, rear
802.0003	Mounting kit, side
802.0004	Universal mounting kit with double holder



802.0001

802.0002

802.0003

Mounting options



802.0001



802.0002



802.0003