

Power Distribution Unit

BB 04

Application and Operational Considerations

Application: Considered application of this Distribution Unit, is for connection from a single phase 230V 63A max load supply, to downstream units requiring 32A or 16A single phase connectivity to a maximum load of 63A on the combined from all output sockets for the phase. The output continuity matches the L+N+E of the incoming connection.

Note: The total load drawn per phase should be checked for optimum balance of all phases, with minimal differences, and not exceed the stated amperage of connectivity on any of the output panel sockets. Unit should **NOT** run on continuous full load for long periods of time on any of the connections. Unit shall be installed and used by a competent Electrician whom shall ensure that application design, installation and testing is compliant with BS7671.



Unit Specification

Unit Standard:	BS EN 61439-3
Unit Guide Weight:	
Approx Dim: WxDxH	500x370x340
Enclosure (IP):	IP44
Impact (IK)	IK>06
Unit Max. Amps:	63
Voltage (V):	400V
Frequency Hz:	50Hz
Short Circuit Rating:	6kA
Continuous Load:	70%

Supply Connection

Inlet Standard:	BS EN 60309-1+2
Amperage (A):	63
Voltage:	230
Connection:	L+N+E Appliance inlet

Load Connection

Outlets Standard:	BS EN 60309-1+2
1ph Voltage:	230

Supply Isolation

2p MCB	C63

Connectivity

9x 16A	L+N+E
2x 32A	L+N+E

Protection Devices

Device	Voltage	Rating Type & Amperage	Character - mA	kA - Short Circuit Rating	Device Standard(s)
2x RCB0s	230	C32	30	6	BS EN 61009
9x RCB0s	230	C16	30	6	BS EN 61009