

Power Distribution Unit

BR 19

Application and Operational Considerations

Application: Considered application of this Distribution Unit, is for connection from a 3ph 400V 63A max load supply, to downstream units requiring 32A single phase connectivity to a maximum load of 63A combined from all output sockets, per phase. The outputs are balanced off each L1, L2 & L3 incoming phase.

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	560x350x340
Enclosure (IP):	IP44
Impact (IK)	IK>06
Unit Max. Amps:	63A
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:	400
Connection:	3ph+N+E Appliance inlet L+N+E

Load Connection

Outlets Standard:	BS EN 60309-1+2
1ph Voltage:	230
3ph Voltage:	400

Supply Isolation

4p MCB	63A

Connectivity

1x 63A Socket	3ph+N+E
6x 32A Sockets	L+N+E
6x 16A Sockets	L+N+E

Protection Devices

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