

Power Distribution Unit

CR05

Application and Operational Considerations

Application: Considered application of this Distribution Unit, is for connection from a 3ph 400V 125A max load supply, to downstream units requiring 16A or 32A 230V single phase connectivity and 32A or 63A 3phase connectivity to a maximum load of 125A 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 60439
Unit Guide Weight:	10kg
Approx Dim: WxDxH	520x380x220
Enclosure (IP):	IP44
Impact (IK)	IK>06
Unit Max. Amps:	32A
Voltage (V):	400V
Frequency Hz:	50Hz
Short Circuit Rating:	
Continuous Load:	70%

Supply Connection

Inlet Standard:	BS EN 60309-1+2
Amperage (A):	32
Voltage:	230
Connection:	L+N+E Appliance inlet

Load Connection

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

Supply Isolation

BS EN 60898	32C
	MCB

Connectivity

3x 16A Sockets	L+N+E
3x 32A Sockets	L+N+E

Protection Devices

Device	Voltage	Rating Type & Amperage	Character - mA	kA - Short Circuit Rating	Device Standard(s)
RCBO	230	C32	30	6	BS EN 60898
RCBO	230	C16	30	6	BS EN 60898