

Single & 3-Phase Splitter Boxes



Item Description:

Wall / Floor mount Splitter box with or without Intelligent Power monitoring. Incoming mains BS4343 Commando plug that is split between multiple sockets and Phases where applicable.

Application:

For racks that have access to a 3-Phase power source or a larger single phase power source that require it split down into several smaller power sources to supply existing rack PDU's. Retrofit existing racks with Intelligent Power/Energy monitoring with environmental ports without having to replace existing rack power infrastructure.

Includes:

Integrated short circuit protection where required by 17th Edition / BS60950 regulations. For intelligent Power monitoring, no additional hardware or software is required.

Intelligent Monitoring:

Monitor your Single or 3-Phase Power (V/A/PF etc.) and Energy (KWh) over HTTP/SNMP and XML.

Capture data through your BMS software or an SQL database for energy auditing purposes or for the generation of new revenue streams through KWh billing.

■	KWatt-Hours [A]	8.12 KWh
■	Volts [A]	118.3 V _{rms}
■	Volts (Peak) [A]	118.4 V _{rms}
■	Amps [A]	0.1 A _{rms}
■	Amps (Peak) [A]	0.1 A _{rms}
■	Real Power [A]	6.0 W
■	Apparent Power [A]	14.20 W
■	Power Factor [A]	42.3%

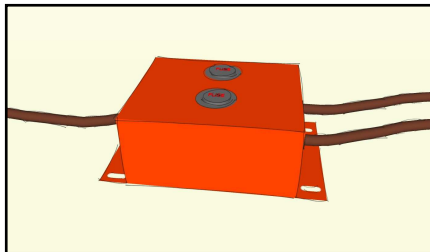
Set custom High/Low value alarms. In built SMTP/POP3 & SNMP server enables automated responses to out-of-range activities via email and your BMS software.

Sensor	Current	Low Trip	High Trip	Alarm State
Volts	125.2 V _{rms}	130	134	Send E-Mail and Trap ▼
Amps	0.05 A _{rms}	5	11	Send SNMP Trap ▼
Real Power	2.8 W	1	2	Send SNMP Trap ▼
Apparent Power	6.36 W	10	20	Send SNMP Trap ▼
Power Factor	43.5%	10	55	Buzzer, E-Mail, Trap ▼

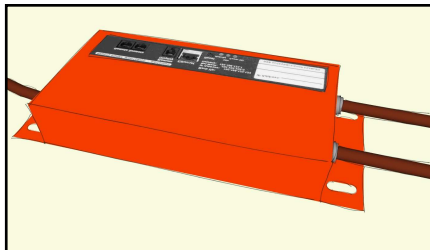
Variations:

Standard Splitter boxes have a BS4343 plug to BS4343 sockets, you can however customise your Splitter box to have a combination of the following plugs & sockets:

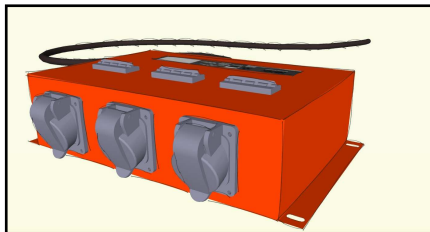
INPUT	OUTPUT
UK 13A Plug	UK 13A Socket
IEC C14 10A Plug	IEC C13 10A Socket
IEC C20 16A Plug	IEC C19 16A Socket
16A BS4343 Commando Plug (Single & 3-Phase)	16A BS4343 Commando Socket
32A BS4343 Commando Plug (Single & 3-Phase)	32A BS4343 Commando Socket
63A BS4343 Commando Plug (Single & 3-Phase)	63A BS4343 Commando Socket



Compact unit with 1x Input and 2x fused Outputs on trailing leads.



Floor/Wall mount Splitter Box with 1x Input & 2x Outputs on trailing leads & integrated Dual Channel Remote Power



Floor/Wall mount Splitter Box with 1x Input & 3x panel mount Outputs on trailing leads with circuit protection & integrated 3-Phase Remote Power/KWh Meter.

Standards and Compliances:

- BS 7671:16th Edition "Requirements for Electrical Installation"
- BS 60950:2006 "Information Technology Equipment - Safety"
- BS 5733:1995 "General Requirements for Electrical Accessories"
- ISO 9001-2000
- RoHS
- CE MARKED

Options:

- Add Remote IP Digital Ammeter
- Add Remote IP Power & KWh monitoring.
- Add external environmental sensors (Temp / Humidity / Airflow / Dew Point)
- Additional Circuit Protection
- IP66 environmental chassis
- Toughened chassis for site installations