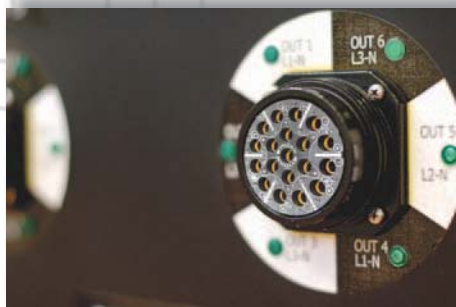




ELECTRICAL SYSTEMS AND CONTROL PANELS

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



COMPANY

In the last years, the PowerBox factory has become synonymous with high quality, value for money products and service.

We would like to thank our customers for their continued support and extend a warm welcome to all those new customers who may join us, in the future, as we continue to offer new and innovative approaches to our mutual business, together with the highest quality service, products and ever increasing value.

Today, the PBox products can be found throughout the entertainment market, audiovisual, conventions, theatrical, sports and shows events, international touring and also marine and transportation, motion control, general engineering industries, everywhere the soundness, reliability and safety of the product are considered highly obliged.

PowerBox factory can offer a vast range of electrical systems, control panels, adapters & splitters and extension cables apt to power distribution designed and built to satisfy the needs of the customer in accordance with the safety regulations.

We are proud to number amongst our customers many World class "Names" and equally important smaller companies and with 30 plus years engineering experience together with our extensive product offering, we are able to provide solutions to virtually unlimited applications throughout industry.

With a move to our new distribution facility, the company has now embarked on an ambitious plan to further broaden our product range, including innovative customized sub-assembly of component rails for our customers, utilizing PBox components to provide excellent cost savings and certified product dependability.

PowerBox places great emphasis on Quality Control and Test Traceability, with components going through our several standard tests throughout production and final quality control processes, providing test traceability throughout the entire manufacturing cycle. PowerBox products meet the RoHS requirements.

POWER BOX FACTORY S.R.L.

via Dei Carrozzeri 32
55041 Camaiore (LU) - ITALY
Tel.+39 0584690367 - Fax +39 0584690368
info@powerboxfactory.it - www.powerboxfactory.it

STANDARD RACK 19 FLIGHT CASE LINE

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST

POWER DISTRIBUTION POWER BOX



front	
Protection	1 x MCB 32A 4P C 6 x RCBO 16A 1P+N C 30mA 1 x Digital power meter



rear	
In	1 x CEE 17 32A 400V 5P
Out	6 x CEE 17 16A 230V 3P



front	
Protection	1 x RDC 63A 4P 30mA 2 x MCB 32A 3P+N C 6 x MCB 16A 1P+N C 1 x Digital voltmeter 1 x Selector switch



rear	
In	1 x CEE 17 63A 400V 5P
Out	2 x CEE 17 32A 230V 5P 6 x CEE 17 16A 230V 3P



front	
Protection	1 x MCB 63A D 4P 4 x RCD 40A 4P 30mA 24 x MCB 16A D 2P



rear	
In	CEE 17 63A 5P 400V
Out	2 x Syntax SSX 19 pin * 12 x CEE 17 16A 3P 230V

NOTE	
*	Socapex 419 compatible
RCD	Residual Current Device
MCB	Miniature Circuit Breaker
RCBO	Residual Current Circuit Breaker

STANDARD RACK 19 FLIGHT CASE LINE

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



front	
Protection	1 x MCB 125A C 4P
	1 x RCBO 63A C 4P 30mA
	2 x RCBO 32A C 4P 30mA
	1 x RCBO 16A C 2P 30mA
	1 x RCD 63A 4P 30mA
	3 x RCD 40A 4P 30mA
	3 x MCB 32A C 2P
	24 x MCB 16A C 2P



rear	
In	CEE 17 125A 5P 400V
Out	1 x CEE 17 63A 5P 400V
	2 x CEE 17 32A 5P 400V
	3 x CEE 17 32A 3P 230V
	12 x CEE 17 16A 3P 230V
	4 x Syntax SSX 19 pin *
	2 x Schuko 16A 3P 230V



front	
Protection	1 x MCCB 160A 4P
	1 x RCBO 63A 4P C 300mA
	6 x RCBO 32A 3P+N C 30mA
	3 x RCBO 32A 1P+N C 30mA
	6 x RCBO 16A 1P+N C 30mA
	1 x Digital voltmeter + selector
	1 x Digital ammeter + selector



rear	
In	5 x Power Syntax ** Spw 400A 3PH+N+E
Out	1 x CEE 17 63A 5P 400V
	6 x CEE 17 32A 5P 400V
	3 x CEE 17 32A 3P 230V
	6 x CEE 17 16A 3P 230V

NOTE	
*	Socapex 419 compatible
**	Veam Powerlock compatible
RCD	Residual Current Device
MCB	Miniature Circuit Breaker
MCCB	Molded Case Circuit Breaker
RCBO	Residual Current Circuit Breaker

STANDARD RACK 19 FLIGHT CASE LINE

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



front	
Protection	1 x MCCB 250A 4P
	2 x RCBO 63A C 4P 300mA
	6 x RCBO 32A C 4P 30mA
	6 x RCBO 16A C 2P 30mA
	1 x Analogic voltmeter
	1 x Selector switch
	1 x Digital power meter



rear	
In	5 x Power Syntax ** SPW 400A 3PH+N+E
Out	2 x CEE 17 63A 400V 5P
	6 x CEE 17 32A 400V 5P
	6 x CEE 17 16A 230V 3P



front	
Protection	1 x MCCB 400A 4P
	1 x MCCB 400A 4P (restart power)
	3 x RCBO 63A C 4P 300mA
	4 x RCBO 32A C 4P 30mA
	10 x RCD 40A C 4P 30mA
	4 x MCB 32A C 2P
	54 x MCB 16A C 2P
	1 x Analogic voltmeter
	1 x Selector switch
	1 x Digital power meter



rear	
In	5 x Power Syntax ** SPW 400A 3PH+N+E
Out	5 x Power Syntax ** SPW 400A 3PH+N+E (restart power)
	3 x CEE 17 63A 400V 5P
	4 x CEE 17 32A 400V 5P
	4 x CEE 17 32A 230V 3P
	8 x Syntax SSX 19 pin *
	6 x CEE 17 16A 230V 3P

NOTE	
*	Socapex 419 compatible
**	Veam Powerlock compatible
RCD	Residual Current Device
MCB	Miniature Circuit Breaker
MCCB	Molded Case Circuit Breaker
RCBO	Residual Current Circuit Breaker

POWER DISTRIBUTION POWER BOX

SPECIAL USE - HEAVY DUTY FRAMES

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



front	
Protection	1 x MCCB 160A 4P
	3 x RCBO 100A 4P I _{dn} (adjustable)
	1 x MCB 80A 4P
	1 x MCB 63A 4P
	6 x MCB 32A 3P+N
	1 x Digital power meter



rear	
In	5 x Power Syntax ** SPW 400A 3PH+N+E
	5 x Power Syntax ** SPW 400A 3PH+N+E
Out	1 x Marechal 80A 400V 5P
	1 x CEE 17 63A 400V 5P
	6 x CEE 17 32A 400V 5P



front	
Protection	1 x MCCB 400A 4P
	1 x MCCB 160A 4P
	5 x RCBO 100A 4P I _{dn} (adjustable)
	2 x MCB 80A 4P
	2 x MCB 63A 4P
	9 x MCB 32A 3P+N
	1 x Digital power meter



rear	
In	5 x Power Syntax ** SPW 400A 3PH+N+E
	5 x Power Syntax ** SPW 400A 3PH+N+E (160A max.)
Out	2 x Marechal 80A 400V 5P
	2 x CEE 17 63A 400V 5P
	9 x CEE 17 32A 400V 5P

NOTE	
**	Veam Powerlock compatible
RCD	Residual Current Device
MCB	Miniature Circuit Breaker
MCCB	Molded Case Circuitual Breaker
RCBO	Residual Current Circuit Breaker

RUBBER DISTRIBUTION BOX PYRAMID LINE

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



SP32M2WP

Splitter CEE 17 32A 230V 1PH+N+E 2 way	
Input	1 x CEE 17 32A 230V 3P
Output	2 x CEE 17 32A 230V 3P



SP16M3WP

Splitter CEE 17 16A 230V 1PH+N+E 3 way	
Input	1 x CEE 17 16A 230V 3P
Output	3 x CEE 17 16A 230V 3P



SP16M5WP

Splitter CEE 17 16A 230V 1PH+N+E 5 way	
Input	1 x CEE 17 16A 230V 3P
Output	1 x CEE 17 16A 230V 3P 4 x Powercon 3P out



4D1M2F19

Splitter Syntax SSX 19 pin 2 way	
Input	1 x Syntax SSX 19 pin male *
Output	2 x Syntax SSX 19 pin female *



NOTE

* Socapex 419 compatible

BRICK LINE RUBBER DISTRIBUTION BOX

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



PBF32M4M1C	
Power Box	230V 32A 1PH+N+E
Input	1 x CEE 17 32A 230V 3P
Output	4 x CEE 17 16A 230V 3P
Protection	1 x RCBO 32A 2P 30mA "C" 2 x MCB 16A 2P "C"



PBF32P3M2C	
Power Box	400V 32A 3PH+N+E
Input	1 x CEE 17 32A 400V 5P
Output	3 x CEE 17 32A 230V 3P
Protection	1 x RCBO 32A 2P 30mA "C"



PBF32M4M1CC	
Power Box	230V 32A 1PH+N+E
In	1 x CEE 17 32A 230V 3P with cable H07RN-F 5G6 mmq
Out	4 x CEE 17 16A 230V 3P
Protection	1 x RCBO 32A 2P 30mA "C" 2 x MCB 16A 2P "C"



SP19M6FBC	
Splitter Socapex / CEE 17	
In	1 x Syntax SSX 19 pin male *
Out	6 x CEE 17 16A 230V 3P female with neon lamps warning

NOTE	
*	Socapex 419 compatible
MCB	Miniature Circuit Breaker
RCBO	Residual Current Circuit Breaker

POWER BOX - ASSEMBLING

PANELS

Made in black extruded PVC (thickness 10mm), B1 classification (Flame Retardant Test mark PA-III 2.732 DIN 4102 part 1), resistant to mechanical stress (action of inserting and removing of connectors), stable to temperatures changes and with high characteristics in terms of dielectric strength (39 Kv/mm).

- Watertight polycarbonate covers with stainless steel springs and clamping knobs to give protection IP66 over components.
- Neon lamps for tension presence over each plug or connector (to show the correct working).
- Identification of components using white writings on black labels.
- Plugs and sockets connectors are fitted using carriage bolts and lock nuts (to avoid violations).
- Crimp connections with insulating wire ring terminals or pipe terminals in polyamide PA6.
- Internal wiring by using flame retardant PVC cables, according to IEC 332.3A regulations.
- All cables are carefully routed and tied to prevent mechanical strain on any component.
- Conformity to EN 60439-1 standard regulations, applies in all countries of the European Union.

POWER BOX TECHNICAL FILE

The technical file (available upon request) includes: CEE conformity declaration (EN 60439-1), inspection report, mechanical scheme, electrical connection scheme, warnings and instructions for use.

PRODUCTION 100% CUSTOM

In addition to our standard range, custom solutions will be provide an almost limitless range of possibilities.

ASSISTANCE AND MAINTENANCE

The particular arrangements of components on the panels help the maintenance and reduced time in case of components replacement.

RUBBER DISTRIBUTION BOX **TURTLE LINE**

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST

POWER DISTRIBUTION POWER BOX



PBF32P3M2T	
Power Box	400V 32A 3PH+N+E
Input	1 x CEE 17 32A 400V 5P
Output	3 x CEE 17 32A 230V 3P
Protection	1 x RCD 40A 4P 30mA 3 x MCB 32A 2P "C" 3 neon lamps warning



PBF32P6M1T	
Power Box	400V 32A 3PH+N+E
Input	1 x CEE 17 32A 400V 5P
Output	6 x CEE 17 16A 230V 3P
Protection	1 x RCD 40A 4P 30mA 6 x MCB 16A 2P "C" 3 neon lamps warning



PBF32P6M1TC	
Power Box	400V 32A 3PH+N+E (with cable)
Input	1 x CEE 17 32A 400V 5P with cable H07RN-F 5G6 mmq
Output	6 x CEE 17 16A 230V 3P
Protection	1 x RCD 40A 4P 30mA 6 x MCB 16A 2P "C" 3 neon lamps warning



PBF63P2P2T	
Power Box	400V 63A 3PH+N+E
Input	1 x CEE 17 63A 400V 5P
Output	2 x CEE 17 32A 400V 5P
Protection	1 x RCD 63A 4P 30mA 2 x MCB 32A 4P "C" 3 neon lamps warning



NOTE	
RCD	Residual Current Device
MCB	Miniature Circuit Breaker

CUBE LINE RUBBER DISTRIBUTION BOX

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



PBF63P12M1H	
Power Box	400V 63A 3PH+N+E
Input	1 x CEE 17 63A 400V 5P
Output	12 x CEE 17 16A 230V 3P
Protection	1 x RCD 63A 4P 30mA 12 x MCB 16A 2P "C" 3 neon lamps warning



PBF63P2M32M2H	
Power Box	400V 63A 3PH+N+E
Input	1 x CEE 17 63A 400V 5P
Output	2 x CEE 17 63A 230V 3P 2 x CEE 17 32A 230V 3P
Protection	1 x RCD 63A 4P 30mA 2 x MCB 63A 2P "C" 2 x MCB 32A 2P "C" 3 neon lamps warning



PBF63P6M2H	
Power Box	400V 63A 3PH+N+E
Input	1 x CEE 17 63A 400V 5P
Output	6 x CEE 17 32A 230V 3P
Protection	1 x RCD 63A 4P 30mA 6 x MCB 32A 2P "C" 3 neon lamps warning



PBF125P2P3H	
Power Box	400V 125A 3PH+N+E
Input	1 x CEE 17 125A 400V 5P
Output	2 x CEE 17 63A 400V 5P
Protection	1 x MCB 125A 4P 2 x RCBO 63A 4P "C" 300mA 3 neon lamps warning



NOTE	
RCD	Residual Current Device
MCB	Miniature Circuit Breaker
RCBO	Residual Current Circuit Breaker

SPLITTERS - SPIDER - EXTENSION CABLES

DESIGNED AND BUILT TO SATISFY THE NEEDS OF THE CUSTOMER IN ACCORDANCE WITH THE I.E.C. REGULATIONS - ESTIMATE UPON REQUEST



SP6M19FBL-010 (1mt) - 015 (1,5mt) - 020 (2mt)

Spider Splitter	
6 x P/N 4S2T16V - (CEE 17 16A 230V 3P male)	
1 x P/N SSX19FV-GCMS - (Syntax SSX19 female) *	
mt ... P/N 7ZFM325 - Syntax Cable 3x2.5 mm ²	



EC19P25-L...

1 x P/N SSX19MVYGCP5N - (Syntax SSX19 male) *	
1 x P/N SSX19FV-GCMS - (Syntax SSX19 female) *	
mt ... P/N 7ZF1925 - Syntax Cable 19x2.5 mm ²	
EC19P25-L10	10 mt cable lenght
EC19P25-L20	20 mt cable lenght
EC19P25-L...	cable lenght upon request



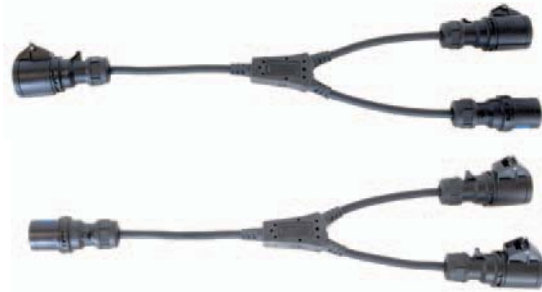
SP19M6FBL-010 (1mt) - 015 (1,5mt) - 020 (2mt)

Spider Splitter	
1 x P/N SSX19MVYGCMS - (Syntax SSX19 male) *	
6 x P/N 4P2T16V - (CEE 17 16A 230V 3P female)	
mt ... P/N 7ZM0325 - Syntax Cable 3x2.5 mm ²	



4D1S2P16R

Splitter CEE 17 16A 230V 3P 2 way	
1 x CEE 17 16A 230V 3P male	
2 x CEE 17 16A 230V 3P female	



4D1S2P16

Splitter CEE 17 16A 230V 3P 2 way	
1 x CEE 17 16A 230V 3P male	
2 x CEE 17 16A 230V 3P female	



EC1MPB4CL..

4 x CEE 17 16A 230V 3P male	
4 x CEE 17 16A 230V 3P female	
mt ... P/N 7ZF1225 Syntax Cable 12x2.5 mm ² (4 circuits)	
4 CIRCUITS 16A	EC1MPB4C-L10 10 mt cable lenght
	EC1MPB4C-L20 20 mt cable lenght
	EC1MPB4C-L... cable lenght upon request



EC1MPB6CL..

6 x CEE 17 16A 230V 3P male	
6 x CEE 17 16A 230V 3P female	
MT...P/N 7ZF1925 Syntax Cable 19x2.5 mm ² (6 circuits)	
6 CIRCUITS 16A	EC1MPB6C-L10 10 mt cable lenght
	EC1MPB6C-L20 20 mt cable lenght
	EC1MPB6C-L... cable lenght upon request

NOTE	
*	Socapex 419 compatible