



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY
NEW ZEALAND

EDITION 4



PCE INDUSTRIAL PLUGS, SOCKETS AND CONNECTORS
ALL WEATHER PORTABLE POWERTOWER BOARDS
POWERSAFE HIGH CURRENT CONNECTORS
EVENT AND CONSTRUCTION SAFE LEADS
PCE BOARDS



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

EMPIRE ELECTRICAL SERVICES LTD

Empire Electrical Services Ltd was formed in 1980, servicing home and commercial properties and venturing into industrial repairs and maintenance as we grew. We expanded into the Event Market, providing temporary lighting and power to an emerging Trade Show and Event Industry. As time progressed, Empire Electrical staff and premises increased to match the scale and operation required to service our regular customers and the ever increasing Event Industry.

Empire Electrical Services Ltd has been providing temporary lighting and power solutions to concerts, outdoor events, from trade shows to circuses and temporary power supply for factory shut-downs, maintenance and construction, for many years. We have been designing and manufacturing boards for our own use. We also provide similar Powertower board's for construction and maintenance, anywhere a temporary supply is required we have a Powertower to suit. Powertowers are robust, have a non-conductive casing and are strong enough to take the knocks traditionally given out to temporary site equipment.

Empire Electrical Services Ltd operates throughout New Zealand, is based in Auckland and hold equipment permanently in Christchurch for our South Island coverage.

Empire Electrical Services Ltd has forged loyal alliances with many of New Zealand's leading supply companies and is proud of its' ability to compete at all levels.

Our commitment to our clients is of the utmost importance and why we have been selected to provide services to local council's and major NZ event organisers.

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Emptec Agencies, a division of Empire Electrical Services Ltd is the official New Zealand Agent for PCE Industrial Plugs and Sockets.

Our Experience in the events market has tested our equipment to the fullest extent, this is why through our Emptec division we feel confident in endorsing and supplying the PCE and Powersafe range of line connectors, industrial plugs, sockets and accessories to the wider New Zealand market. We have incorporated the best of these products into our in-house designed and manufactured Powertowers providing our customers with greater flexibility in power distribution.

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ABOUT PC ELECTRIC GMBH

PCE is a world leader in the development and production of industrial plugs and sockets.

Since its founding in 1973 the company continued to develop and to become an international group of companies.

PCE offers a wide range of high quality products for various applications in the electrical installation sector. The range is constantly updated and currently includes approximately 22,000 items. In addition to our standard products PCE is able to produce customer-specific configurations on modern injection moulding and metal processing plants within a few days.

High level of quality (EN ISO 9001:2008 Certification), flexibility and constant innovation of products and processes are among the most important factors of our successful customer-orientated strategy.

Speed is top priority! Rapid delivery times and reliability through efficient manufacturing methods and uncomplicated order processing have been appreciated by our customers for years.

Continuous innovation of products and processes paired with the close cooperation with our customers makes PCE a strong, worldwide partner for the professional use of industrial plugs and sockets in electrical installation!



INFORMATION

CEE and IEC

The term "CEE" generally refers to Industrial Plugs and Sockets that comply with International Standard IEC 60309. CEE is the abbreviation of "International Commission on rules for the approval of Electrical Equipment".

CONFORMITY TO STANDARDS

CEE plugs and sockets are internationally normalized by IEC 60309-1 and IEC 60309-2 equivalent to the European Norms EN 60309 part 1 and EN 60309 part 2.

IEC is the "International Electro technical Commission" - which is the world organisation for international standardisation of electrical equipment:

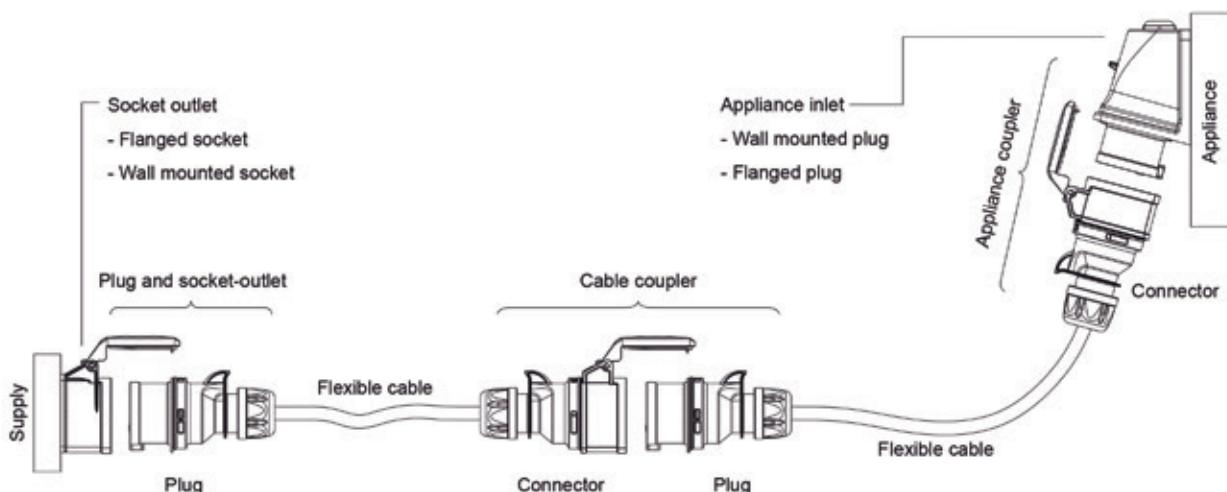
SYSTEM

The standard CEE plugs and sockets according to EN 60309 respectively IEC 60309 are designed in their main dimensions in a way that plugs and sockets with the same rated currents, nominal working voltage ranges, the same number of poles and frequency of different producers are compatible.

In order to prevent the insertion of plugs and sockets of different voltages and frequencies, 12 positions of the earthing contact are assigned to the polarizing slot of the skirt of a socket.

The number with the following letter "h" indicates the position of the earth contact tube, comparing the front side of the socket or connector with the face of a clock. The key-way is situated at 6 o'clock (see page 3).

USE OF THE ACCESSORIES (TERMINOLOGY)



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INFORMATION

POSITION OF THE EARTHING CONTACT ACC. TO IEC 60309-2- SERIES I

Voltage	Frequency	2P+E		3P+E		3P+N+E	
V	Hz	16+32A	63+125A	16+32A	63+125A	16+32A	63+125A
57/100 to 75/130	50 and 60					4	4
100 to 130	50 and 60	4	4	4	4		
120/208 to 144/250	50 and 60					9	9
200 to 250	50 and 60	6	6	9	9		
200/346 to 240/415	50 and 60					6	6
220/380	50					3	3
250/440	60						
250/440 to 265/460	60					11	11
277/480 to 288/500	50 and 60					7	7
347/600 to 400/690	50 and 60					5	5
380 to 415	50 and 60	9	9	6	6		
380	50			3	3		
440	60						
440 to 460	60			11	11		
480 to 500	50 and 60	7	7	7	7		
600 to 690	50 and 60			5	5		
> 50	100 to 300	10	10	10	10	10	10
> 50	>300 to 500	2	2	2	2	2	2
> 50 to 250	DC	3	3				
> 250	DC	8	8				
supply by isolating transformer	50 and 60	12	12	12	12	12	12
All rated operating voltage and/or frequencies not covered by other configurations.		1	1	1	1	1	1

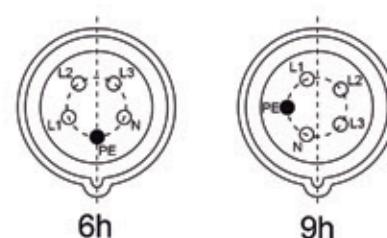
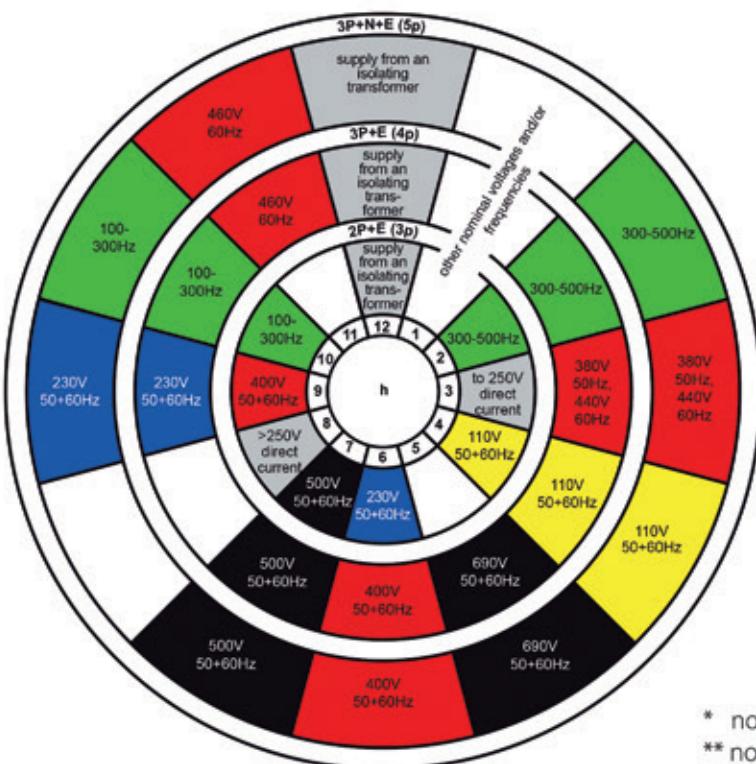
COLOUR CODES

For ease of identification of the various voltages and frequencies all CEE plugs and sockets are colour coded:

20-25V	violet
40-50V	white
100-130V	yellow
200-250V	blue
380-480V	red
500-690V	black
> 60-500Hz	green
no colour code	grey

INTERNATIONAL RATING – SERIES I

for appliances >50V – details see table above



Position of the earthing contact.
View: front side socket or connector

* non standard

** non standard for 63A, 125A



INFORMATION

PLASTIC MATERIAL

Our plugs and sockets are produced from POLYAMIDE 6 as well as PC/ABS. The main characteristics of these materials are:

- excellent impact resistance combined with high rigidity and solidity,
- high thermal stability (self-extinguishing),
- very good insulating qualities,
- high disruptive strength,
- high abrasion resistance,
- high weathering resistance,
- very good chemical resistance to various chemicals,
- free from cadmium and halogen (fluorine, chlorine, bromine, iodine, astatine),
- conform to RoHS-directive 2011/65/EU.

PCE – overview chemical resistance:

Chemicals	Concentration	Resistance		Chemicals	Concentration	Resistance	
		PA6	PC/ABS			PA6	PC/ABS
acetone		+	-	glycerin		+	o
aldehyd		o	-	calcium hydroxide	50%	o	-
alcohols		+	+	ketone		+	-
formic acid	4-5%	-	o	fuels		+	o
amine		+	-	methane		+	x
ammonia	5%	+	o / -	petroleums		+	+
ammonium chloride	35%	+	-	sodium chloride		+	+
inorganic salts		+	o	sodium hydroxide	10%	+	x
benzine		+	+	sodium hydroxide	2-8%	+	-
benzol		+	o	nitrobenzene		+	-
chlorine		o	o	oils		+	+
acetic acid	5%	o	+	phosphoric acid	10%	-	o
ester		+	o	propanol		+	o
ethyl aether		+	o	nitric acid	2%	-	+
fats		+	+	hydrochloric acid	2%	-	o
hydrofluoric acid		-	o	sulfuric acid	50%	-	+
formaldehyde	5%	+	-	water		+	+
formalin	3-4%	+	-	hydrogen peroxide	30%	o	+
glycol		o	o	citric acid	20%	o	+

+ resistant

o conditionally resistant

- not resistant

x not specified

The information about the resistance is valid with ambient temperature and can lead in coincidence of different medias to different resistances.

Source: Saechtling Kunststoff pocket book; Carl Hanser Verlag Munich, Vienna and DSM Engineering plastics,

TERMINAL CROSS-SECTION, DISMANTLING AND STRIPPING LENGTH

Recommended data for PCE products

Rated current	Terminal cross-section		Dismantling lenth	Stripping length
	wire flexible [mm ²]	wire solid (single or stranded) [mm ²]		
16A - CEE	1 - 2,5	1 - 4	50	10 - 12
32A - CEE	2,5 - 6	2,5 - 10	50	12 - 14
63A - CEE	6 - 16	6 - 25	100	12 - 18
125A - CEE	16 - 50	16 - 70	100	18 - 20

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PCE IP44 CEE PLUGS



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	013-6		12.66
16A	4		014-6	19.87
16A	5		015-6	21.52
32A	3	023-6		21.52
32A	4		024-6	24.43
32A	5		025-6	42.79

PCE IP44 CEE CONNECTORS



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	213-6		20.63
16A	4		214-6	23.79
16A	5		215-6	28.48
32A	3	223-6		26.96
32A	4		224-6	29.62
32A	5		225-6	31.26

PCE IP44 CEE SURFACE MOUNTED SOCKET OUTLETS



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	113-6		25.31
16A	4		114-6	27.84
16A	5		115-6	30.38
32A	3	123-6		35.44
32A	4		124-6	37.34
32A	5		125-6	39.23

PCE IP44 CEE PHASE INVERTER PLUGS



AMPS	PINS	230V	415V	PRICE excl. G.S.T.
16A	5		7015-6	44.30
32A	5		7025-6	56.95

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PCE IP44 CEE PANEL MOUNTED SOCKET OUTLETS - ANGLED



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
16A	3	413-6F8		80x97	23.41
16A	4		414-6F8	80x97	25.31
16A	5		415-6	80x97	25.82
32A	3	423-6		80x97	34.17
32A	4		424-6	80x97	36.07
32A	5		425-6	80x97	37.97

PCE IP44 CEE PANEL MOUNTED SOCKET OUTLETS - STRAIGHT



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
16A	3	313-6F7		75x75	22.78
16A	4		314-6F7	75x75	25.31
16A	5		315-6F7	75x75	29.11
32A	3	323-6F7		75x75	35.06
32A	4		324-6F7	75x75	37.97
32A	5		325-6F7	75x75	40.50

PCE IP44 CEE SWITCHED INTERLOCKED SOCKETS - WALL MOUNTED



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	7513-6		316.50
16A	4		7514-6	354.38
16A	5		7515-6	367.03
32A	3	7523-6		284.77
32A	4		7524-6	297.42
32A	5		7525-6	310.08

PCE IP44 CEE APPLIANCE INLETS - PANEL MOUNT STRAIGHT



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
16A	3	613-6		70x70	17.09
16A	4		614-6	70x70	18.98
16A	5		615-6	70x70	22.15
32A	3	623-6		70x70	23.41
32A	4		624-6	70x70	25.95
32A	5		625-6	70x70	28.48



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PCE IP44 CEE APPLIANCE INLETS - SURFACE MOUNT



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	77713-6		20.50
16A	4		77714-6	27.84
16A	5		77715-6	32.91
32A	3	77723-6		25.31
32A	4		77724-6	30.38
32A	5		77725-6	35.44

PCE IP67 CEE PLUGS



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	0132-6		40.05
16A	4		0142-6	44.55
16A	5		0152-6	47.08
32A	3	0232-6		40.63
32A	4		0242-6	42.90
32A	5		0252-6	47.59



63A	3	033-6		125.17
63A	4		034-6	130.11
63A	5		035-6	142.00



125A	3	043-6		367.16
125A	4		044-6	358.80
125A	5		045-6	375.51

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PCE IP67 CEE CONNECTORS



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	2132-6		39.96
16A	4		2142-6	50.37
16A	5		2152-6	52.90
32A	3	2232-6		52.52
32A	4		2242-6	55.43
32A	5		2252-6	58.73



63A	3	233-6		158.71
63A	4		234-6	170.86
63A	5		235-6	192.88



125A	3	243-6		403.99
125A	4		244-6	425.63
125A	5		245-6	449.80

PCE IP67 CEE SURFACE MOUNTED SOCKET OUTLETS



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	1132-6		60.37
16A	4		1142-6	62.02
16A	5		1152-6	65.81
32A	3	1232-6		60.37
32A	4		1242-6	63.28
32A	5		1252-6	65.69



63A	3	133-6		147.31
63A	4		134-6	149.20
63A	5		135-6	163.87



125A	3	143-6		301.85
125A	4		144-6	316.41
125A	5		145-6	329.06



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

PCE IP67 CEE PANEL MOUNTED SOCKETS - ANGLED



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
16A	3	4132-6		92x100	48.88
16A	4		4142-6	92x100	55.43
16A	5		4152-6	92x100	58.22
32A	3	4232-6		92x100	57.33
32A	4		4242-6	92x100	60.37
32A	5		4252-6	92x100	62.02



63A	3	433-6		100x112	118.27
63A	4		434-6	100x112	130.13
63A	5		435-6	100x112	136.81



125A	3	443-6		120x130	216.93
125A	4		444-6	120x130	227.81
125A	5		445-6	120x130	250.21

PCE IP67 CEE PANEL MOUNTED SOCKETS - STRAIGHT



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
16A	3	3132-6		75x75	44.30
16A	4		3142-6	75x75	45.56
16A	5		3152-6	75x75	46.83
32A	3	3232-6		75x75	49.74
32A	4		3242-6	75x75	51.26
32A	5		3252-6	75x75	53.16



63A	3	333-6		100x100	107.58
63A	4		334-6	100x100	115.17
63A	5		335-6	100x100	113.91



125A	3	343-6		120x120	170.86
125A	4		344-6	120x120	183.52
125A	5		345-6	120x120	196.17

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PCE IP67 CEE SWITCHED SOCKETS (INTERLOCKED)



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	75132-6		359.03
16A	4		75142-6	392.34
16A	5		75152-6	417.66
32A	3	75232-6		322.73
32A	4		75242-6	342.98
32A	5		75252-6	367.03



63A	3	75332-6		721.00
63A	4		75342-6	735.90
63A	5		75352-6	768.00



125A	4		9755099	2015.10
125A	5		9755100	2124.50

PCE IP67 CEE APPLIANCE INLETS PANEL MOUNT - STRAIGHT



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
16A	3	6132-6		75x75	44.30
16A	5		6152-6	75x75	49.36
32A	5		6252-6	75x75	54.42



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
63A	3	633-6		100x100	117.70
63A	4		634-6	100x100	131.63
63A	5		635-6	100x100	142.00
125A	3	643-6		120x120	250.09
125A	4		644-6	120x120	261.98
125A	5		645-6	120x120	275.40



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

PCE IP67 CEE APPLIANCE INLETS - PANEL MOUNT ANGLED



AMPS	PINS	230V(6h)	415V(6h)	FLANGE	PRICE excl. G.S.T.
63A	3	733-6		100x112	120.99
63A	4		734-6	100x112	126.56
63A	5		735-6	100x112	136.81
125A	3	743-6		120x130	202.63
125A	4		744-6	120x130	221.48
125A	5		745-6	120x130	247.05

PCE IP67 CEE APPLIANCE INLETS - SURFACE MOUNT



AMPS	PINS	230V(6h)	415V(6h)	PRICE excl. G.S.T.
16A	3	777132-6		44.93
16A	4		777142-6	46.20
16A	5		777152-6	47.46
32A	3	777232-6		61.26
32A	4		777242-6	64.55
32A	5		777252-6	73.41



63A	3	77733-6		170.86
63A	4		77734-6	183.52
63A	5		77735-6	197.18



125A	3	543-6		316.41
125A	4		544-6	329.06
125A	5		545-6	341.72

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PCE IP44-67 CEE PROTECTION CAPS FOR 16-125A INLETS



AMPS	PINS	230V(6h)	415V(6h)	CODE	PRICE excl. G.S.T.
16A	3	ts613g		Dust	6.33
16A	4		ts614g	Dust	6.71
16A	5		ts615g	Dust	6.96
32A	3+4	ts623g	ts623g	Dust	7.59
32A	5		ts625g	Dust	7.97



63A	3-4-5	ts635g	ts635g	Dust	12.02
63A	3-4-5	ts67632g	ts7632g	Watertight	15.19
125A	3-4-5	ts645g	ts645g	Dust	12.66
125A	3-4-5	ts1252g	ts1252g	Watertight	30.38

POWERTOWER



500A D4-SPLITTER

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 420mm high x 420mm deep x 420mm wide.

\$ P.O.A.



63A FILM DISTRIBUTION BOARD

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 800mm high x 470mm deep x 470mm wide.

\$ P.O.A.

See page 26 for more of our Standard Range



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

PCE IP67 CEE CONTAINER PLUGS AND SOCKETS



AMPS	PINS	DESCRIPTION	415V(3h)	PRICE excl. G.S.T.
32A	4	Plug	0242-3v	46.07



AMPS	PINS	DESCRIPTION	415V(3h)	PRICE excl. G.S.T.
32A	4	Connector	2242-3v	49.74



AMPS	PINS	DESCRIPTION	415V(3h)	PRICE excl. G.S.T.
32A	4	Wall socket	1242-3v	75.30



AMPS	PINS	DESCRIPTION	415V(3h)	FLANGE	PRICE excl. G.S.T.
32A	4	Flange socket straight	3242-3v	75 x 75	55.43



AMPS	PINS	DESCRIPTION	415V(3h)	FLANGE	PRICE excl. G.S.T.
32A	4	Flange socket sloping	4242-3f78v	80 x 97	60.37

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PCE IP67 CEE CONTAINER PLUGS AND SOCKETS



AMPS	PINS	DESCRIPTION	415V(3h)	PRICE excl. G.S.T.
32A	4	Switched interlocked socket	75242-3	377.92

POWER TOWER



125A CONTAINER DISTRIBUTION BOARD

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 800mm high x 470mm deep x 470mm wide.

\$ P.O.A.

See page 26 for more of our Standard Range

LEADS



32A RUBBER H07 LEAD

CUSTOM MADE TO YOUR REQUIREMENTS

32A 4 wire container lead.

\$ P.O.A.

See page 21 for more of our Standard Range



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

PCE IP44 CEE CARAVAN PLUGS AND SOCKETS



AMPS	PINS	DESCRIPTION	230V(6h)	PRICE excl. G.S.T.
16A	3	Wall mounted plug with lid	513-6d	42.90



AMPS	PINS	DESCRIPTION	230V(6h)	PRICE excl. G.S.T.
16A	3	Flanged plug angled	77713-6	20.50



AMPS	PINS	DESCRIPTION	230V(6h)	PRICE excl. G.S.T.
16A	3	Caravan plug	013-6	12.66



AMPS	PINS	DESCRIPTION	230V(6h)	PRICE excl. G.S.T.
16A	3	Caravan connector	213-6	20.63

POWERTOWER



63A FILM DISTRIBUTION BOARD

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 420mm high x 420mm deep x 420mm wide.

\$ P.O.A.

See page 26 for more of our Standard Range

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CARAVAN SUPPLY LEADS



AMPS	PINS	DESCRIPTION	230V(6h)	PRICE excl. G.S.T.
16A	3	10 metre caravan cable	LEAD10116	104.84
16A	3	15 metre caravan cable	LEAD15116	127.96
16A	3	20 metre caravan cable	LEAD20116	151.59
32A	3	10 metre caravan cable	LEAD10132	168.65

GENERATOR TEST LEAD



AMPS	PINS	DESCRIPTION	230V(6h)	PRICE excl. G.S.T.
10A	3	1 metre 10A male plug to 16A IP44 connector	GTL	62.68

POWERTOWER



63A CARAVAN PARK DISTRIBUTION BOARD

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 800mm high x 470mm deep x 470mm wide.

\$ P.O.A.

See page 26 for more of our Standard Range



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

PCE IP44-67 CEE EVENT TECHNOLOGY - MIDNIGHT SERIES, all black plugs



AMPS	PINS	230V(6h)	415V(6h)	CODE	PRICE excl. G.S.T.
16A	3	013-6x		IP44	20.25
16A	5		015-6x	IP44	24.68
32A	3	023-6x		IP44	24.68
32A	5		025-6x	IP44	31.01



63A	3	033-6xs		IP67	144.28
63A	5		035-6xs	IP67	163.27
125A	3	043-6xs		IP67	422.72
125A	5		045-6xs	IP67	430.31

PCE IP44-67 CEE EVENT TECHNOLOGY - MIDNIGHT SERIES, all black connectors



AMPS	PINS	230V(6h)	415V(6h)	CODE	PRICE excl. G.S.T.
16A	3	213-6x		IP44	24.05
16A	5		215-6x	IP44	32.78
32A	3	223-6x		IP44	31.01
32A	5		225-6x	IP44	35.94



63A	3	233-6xs		IP67	182.25
63A	5		235-6xs	IP67	374.63
125A	3	243-6xs		IP67	464.48
125A	5		245-6xs	IP67	517.64

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PCE IP44 CEE EVENT TECHNOLOGY - MIDNIGHT SERIES
all black panel plugs - straight



AMPS	PINS	230V(6h)	415V(6h)	CODE	FLANGE	PRICE excl. G.S.T.
16A	3	613-6x		IP44	70x70	19.62
16A	5		615-6x	IP44	70x70	25.31
32A	3	623-6x		IP44	70x70	26.96
32A	5		625-6x	IP44	70x70	32.78

PCE IP44-67 CEE EVENT TECHNOLOGY - MIDNIGHT SERIES
all black panel sockets - straight



AMPS	PINS	230V(6h)	415V(6h)	CODE	FLANGE	PRICE excl. G.S.T.
16A	3	313-6x		IP44	70x70	28.48
16A	5		315-6x	IP44	70x70	30.50
32A	3	323-6x		IP44	70x70	63.28
32A	5		325-6x	IP44	70x70	46.58



AMPS	PINS	230V(6h)	415V(6h)	CODE	FLANGE	PRICE excl. G.S.T.
63A	3	333-6x		IP67	100x100	123.78
63A	5		335-6x	IP67	100x100	144.15
125A	3	343-6x		IP67	120x120	196.55
125A	5		345-6x	IP67	120x120	225.66



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

PCE IP65 CEE THERMOPLASTIC INSULATED EMPTY DISTRIBUTION BOX SERIES M BOX

Included in every box:

- housing with window.
- flanges (premounted) for sockets flange 70x85.
- 1 blind flange.
- instruction manual.
- screws for the mounting of the sockets.
- 4 caps for wall fixing screws.
- IP65 (depending on the equipped sockets).



SERIES	WINDOWS UP TO	DIMENSIONS MM	CODE	PRICE excl. G.S.T.
M BOX 6E	6 Modules	490h x 125w x 107d	1518062	197.06



SERIES	WINDOWS UP TO	DIMENSIONS MM	CODE	PRICE excl. G.S.T.
M BOX 8E	8 Modules	506h x 230w x 150d	1518082	275.91



SERIES	WINDOWS UP TO	DIMENSIONS MM	CODE	PRICE excl. G.S.T.
M BOX 13E	13 Modules	506h x 330w x 150d	1518132	380.95

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EMPTEC INTERCONNECTING LEAD - HIGH CURRENT FLEX Tough H07 Rubber with IP67 PCE Plug and Connector



AMPS	LENGTH	VOLTS	DESCRIPTION	CODE	PRICE excl. G.S.T.
32A	10m	400V	6mm ² , 3 PH + E + N	LE10332	342.40
32A	15m	400V	6mm ² , 3 PH + E + N	LE15332	429.78
32A	20m	400V	6mm ² , 3 PH + E + N	LE20332	517.15
32A	30m	400V	6mm ² , 3 PH + E + N	LE30332	691.90
32A	40m	400V	6mm ² , 3 PH + E + N	LE40332	866.65
63A	10m	400V	16mm ² , 3 PH + E + N	LE10363	635.11
63A	15m	400V	16mm ² , 3 PH + E + N	LE15363	826.36
63A	20m	400V	16mm ² , 3 PH + E + N	LE20363	1,017.61
63A	25m	400V	16mm ² , 3 PH + E + N	LE25363	1,208.86
63A	30m	400V	16mm ² , 3 PH + E + N	LE30363	1,400.11
63A	40m	400V	16mm ² , 3 PH + E + N	LE40363	1,782.61

EMPTEC POWER SAFE FLEX

Suitable for Construction Sites. Mechanically protected flex with IP67 PCE Plug and Connector

A new addition to our range of leads includes our Emptec Power Safe Flex.

Manufactured in accordance to : standards AS/NZS 5000.1 suitable for use where mechanical protection is required standard 3012:2010 for construction and demolition sites. Outer sheath is Orange PVC.



AMPS	LENGTH	VOLTS	DESCRIPTION	CODE	PRICE excl. G.S.T.
32A	10m	400V	6mm ² , 3 PH + E + N	EPSF10332	382.53
32A	20m	400V	6mm ² , 3 PH + E + N	EPSF20332	557.78
32A	30m	400V	6mm ² , 3 PH + E + N	EPSF30332	732.53
63A	10m	400V	16mm ² , 3 PH + E + N	EPSF10363	675.74
63A	20m	400V	16mm ² , 3 PH + E + N	EPSF20363	1,058.24
63A	30m	400V	16mm ² , 3 PH + E + N	EPSF30363	1,440.74

We can manufacture to your specific length





POWERSAFE PRODUCT TECHNICAL OVERVIEW

The Powersafe connector series is based on a standard format for mechanically keyed and locked high current single pole connectors, as utilised by the UK and European temporary power industries. This connector format was first introduced in 1993 by Litton Veam and was quickly adopted by the leading generator power companies, utility companies and the entertainment Industries. These types of connectors have now been employed in many other applications, such as military field power, shipboard power, railway vehicles, Dock side power, building installations and switchgear.

NUMBER OF CONTACTS	1
(A) MAXIMUM CONTINUOUS CURRENT RATING	UP TO 800A
SURGE CURRENT	75kA
SHORT CIRCUIT RATING	UP TO 35.5kA
CABLE CROSS SECTIONAL AREA C.S.A.	25mm ² - 300mm ²
(B) CONTACT TERMINATION	SCREW OR CRIMP
MATING METHOD	BAYONET LOCK
OPERATING VOLTAGE	1000Vac
MAX RATED VOLTAGE TO EARTH	2KVac/3KVdc
MINIMUM FLASHOVER	9.5Vdc OR AC PEAK
INSULATION RESISTANCE	>5M ohms @500Vdc
(D) INGRESS PROTECTION	IP68
PROTECTION AGAINST ELECTRIC SHOCK	IP2X
FLAMMABILITY	UL94VO
MATING CYCLES	>500
SHELL MATERIAL	HIGH TEMPERATURE THERMOPLASTIC
CONTACT PLATING	SILVER
COLOUR CODED PLUS KEYED FOR SAFETY	
COMPATIBLE WITH "POWER LOCK" BRAND	

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500A LINE DRAIN, M40A, C/W 120 MM SCREW CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SLD0005	EARTH	GREEN	190.92
SLD0006	NEUTRAL	BLACK	190.92
SLD0007	LINE 1	RED	190.92
SLD0009	LINE 2	WHITE	190.92
SLD0010	LINE 3	BLUE	190.92

500A LINE SOURCE, M40A, C/W 120 MM SCREW CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SLS0005	EARTH	GREEN	190.92
SLS0006	NEUTRAL	BLACK	190.92
SLS0007	LINE 1	RED	190.92
SLS0009	LINE 2	WHITE	190.92
SLS0010	LINE 3	BLUE	190.92

500A PANEL DRAIN, T5 THREADED POST TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SPD0001	EARTH	GREEN	190.92
SPD0006	NEUTRAL	BLACK	190.92
SPD0007	LINE 1	RED	190.92
SPD0009	LINE 2	WHITE	190.92
SPD0010	LINE 3	BLUE	190.92

500A PANEL SOURCE, T5 THREADED POST TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SPS0001	EARTH	GREEN	190.92
SPS0006	NEUTRAL	BLACK	190.92
SPS0007	LINE 1	RED	190.92
SPS0009	LINE 2	WHITE	190.92
SPS0010	LINE 3	BLUE	190.92



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

800A LINE DRAIN, M40B, 240 MM CRIMP TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SLD0015	EARTH	GREEN	263.70
SLD0016	NEUTRAL	BLACK	263.70
SLD0017	LINE 1	RED	263.70
SLD0019	LINE 2	WHITE	263.70
SLD0020	LINE 3	BLUE	263.70

800A LINE SOURCE, M40B, 240 MM CRIMP TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SLS0015	EARTH	GREEN	263.70
SLS0016	NEUTRAL	BLACK	263.70
SLS0017	LINE 1	RED	263.70
SLS0019	LINE 2	WHITE	263.70
SLS0020	LINE 3	BLUE	263.70

800A LINE DRAIN, M40B, 300 MM CRIMP TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SLD0025	EARTH	GREEN	271.88
SLD0026	NEUTRAL	BLACK	271.88
SLD0027	LINE 1	RED	271.88
SLD0029	LINE 2	WHITE	271.88
SLD0030	LINE 3	BLUE	271.88

800A LINE SOURCE, M40B, 300 MM CRIMP TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SLS0025	EARTH	GREEN	271.88
SLS0026	NEUTRAL	BLACK	271.88
SLS0027	LINE 1	RED	271.88
SLS0029	LINE 2	WHITE	271.88
SLS0030	LINE 3	BLUE	271.88

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800A PANEL DRAIN, T8 THREADED POST TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SPD0015	EARTH	GREEN	231.51
SPD0016	NEUTRAL	BLACK	231.51
SPD0017	LINE 1	RED	231.51
SPD0019	LINE 2	WHITE	231.51
SPD0020	LINE 3	BLUE	231.51

800A PANEL SOURCE, T8 THREADED POST TERMINATION CONNECTORS



CODE	WIRE	COLOUR	PRICE excl. G.S.T.
SPS0015	EARTH	GREEN	231.51
SPS0016	NEUTRAL	BLACK	231.51
SPS0017	LINE 1	RED	231.51
SPS0019	LINE 2	WHITE	231.51
SPS0020	LINE 3	BLUE	231.51

800A PANEL DRAIN SEQUENTIAL MATING BOX



CODE	PANEL	COLOUR	PRICE excl. G.S.T.
SD00266	108 MM	NZ-AUSTRALIA	P.O.A

800A PANEL SOURCE SEQUENTIAL MATING BOX



CODE	PANEL	COLOUR	PRICE excl. G.S.T.
SD00287	108 MM	NZ-AUSTRALIA	P.O.A

ACCESSORIES



CODE	DESCRIPTION	PRICE excl. G.S.T.
SCP0129	REDUCTION SLEEVE R70	2.40
PP00006	REDUCTION SLEEVE R95	3.83
PP00013	REDUCTION SLEEVE R120	3.70
PP00341	PUSH PULL LINE DRAIN CAP	38.88
PP00342	PUSH PULL LINE SOURCE CAP	38.88



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

POWERTOWERS

All Weather Temporary Switchboard solutions for Construction Sites, Repairs and Events. For Builders, Engineers, Electricians and Event Organisers.

POWERTOWER D4 132 - 32A SINGLE PHASE SWITCHBOARD



2 Pole 30mA RCD.

6 x 15A Single Phase + Earth + Neutral SO315 230V - Outlets.
1 x 16A Single Phase + Earth + Neutral CEE 230V - Outlet.
1 x 32A Single Phase + Earth + Neutral CEE 230V Loop - Outlet.

INPUT POWER SUPPLY

IP67 32A Single Phase 3 pin PCE CEE plug
and 1.5 meter H07 Tough Flex.

Approximate size: 420mm high x 420mm deep x 420mm wide.

\$1,373.00



POWERTOWER D4 332 - 32A THREE PHASE SWITCHBOARD



4 Pole 30mA RCD.

8 x 15A Single Phase + Earth + Neutral SO315 230V - Outlets.
1 x 32A Three Phase + Earth + Neutral SO532 - Outlet.
1 x 16A Single Phase + Earth + Neutral CEE 230V - Outlet.
1 x 32A Three Phase + Earth + Neutral CEE 17 Loop - Outlet.

INPUT POWER SUPPLY

IP67 32A Three Phase 5 pin PCE CEE plug
and 1.5 meter H07 Tough Flex.

Approximate size: 420mm high x 420mm deep x 420mm wide.

\$1,693.00



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POWERTOWER D2 363 - 63A THREE PHASE SWITCHBOARD



4 Pole 30mA RCD.

12 x 15A Single Phase + Earth + Neutral SO315 230V - Outlets.

2 x 32A Three Phase + Earth + Neutral SO532 - Outlets.

1 x 16A Single Phase + Earth + Neutral CEE 230V - Outlet.

1 x 32A Three Phase + Earth + Neutral CEE - Outlet.

1 x 63A Three Phase + Earth + Neutral CEE - Outlet.

INPUT POWER SUPPLY

63A Three Phase + Earth + Neutral CEE17.

Watertight Fixtures.

Approximate size: 800mm high x 470mm deep x 470mm wide.

\$2,807.00



POWERTOWER CUSTOM DESIGN



500A DISTRIBUTION CENTRE

EXAMPLE:

6 x 63A Three Phase + Earth + Neutral CEE - Outlets.

6 x 32A Three Phase + Earth + Neutral CEE - Outlets.

3 x 15A Single Phase + Earth + Neutral SO315 230V - Outlets.

Input power supply + Loop out.

500A Powersafe Connectors.

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 800mm high x 470mm deep x 470mm wide.

\$ P.O.A.



EMPTEC AGENCIES

IMPORTERS TO THE ELECTRICAL INDUSTRY

DISTRIBUTION CENTRE 1600A



MODEL SHOWN

4 x 500A Powersafe High Current Panel Connectors.
Three Phase + Earth + Neutral CEE - Outlets.
Steel or plastic enclosure encased in a mobile metal frame.

INPUT POWER SUPPLY

Lug to Lug connections from
Suitable Mains or Generator Supply.

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 1700mm high x 400mm deep x 900mm wide.

\$P.O.A.

DISTRIBUTION CENTRE 600A



MODEL SHOWN

6 x 63A Three Phase + Earth + Neutral CEE - Outlets.
6 x 32A Three Phase + Earth + Neutral CEE - Outlets.
6 x 32A Single Phase + Earth + Neutral CEE 230V - Outlets.
4 x 16A Single Phase + Earth + Neutral CEE 230V - Outlets.
2 x 10A Single Phase + Earth + Neutral SO315 230V - Outlets.
Steel or plastic enclosure encased in a mobile metal frame.

INPUT POWER SUPPLY

High Current Powersafe connectors or Lug to Lug
connections from Suitable Mains or Generator
Supply.

CUSTOM MADE TO YOUR REQUIREMENTS

Approximate size: 1700mm high x 400mm deep x 900mm wide.

\$P.O.A.

AVAILABILITY:

All items in this short form catalogue are available ex stock in New Zealand.
Full PCE Range available on indent.

NOTE:

All prices are exclusive of G.S.T. and Freight.

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EDITION 4



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