



—
*“The MDU is absolutely brilliant.
I like the simple way it works.”*

Manager of Major Contractor for North Sea

HEAT
LIGHT
AIR
POWER

POWER



116

Mains Distribution Unit

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3.8KVA Transformer

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400VA Transformer

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Extension Reel

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Extension Lead

POWER

SA Equip lighting, heat and ventilation products depend on a safe and dependable source of electricity, so developing a range of EX safe and certified power distribution products was an early priority for our business. Our Cables, Splitters and Transformers offer a unique solution for use in potentially hazardous environments.

Exceptionally sturdy, stable, lightweight and portable, the SA POWERNET range features marine-grade steel and practically indestructible composite for decades of maintenance-free service in the most demanding of conditions.

MAINS DISTRIBUTION UNIT

PNDU



POWER WHERE IT'S NEEDED – WITH NO HOT-WORK PERMIT OR STANDBY MAN

The first link between your power supply and your temporary system, our MDU can connect to welding sockets to **greatly increase your power supply options**, putting power where you need it to complete the task in hand. By avoiding the need for hot work permits and a standby man, **it can pay for itself in days**. A true plug-and-play system, our MDU connects to a 440V 63A supply, splitting the power to 32A or 16A sockets. It's also extremely portable, weighing in at 55kg, and with a 10m input cable it can be easily moved by personnel without the need for lifting equipment.

MAINS DISTRIBUTION UNIT

PNDU

BENEFITS

- ATEX Certified for Zones 1 and 2 (gas)
- Tough and durable
- Full MCB protection
- Easily transportable
- Weighs only 55kg including cable
- Waterproof and dustproof
- Easy maintenance
- Internal safety shield

You may also need...

Heaters – see page 32

Fans – see pages 92, 96 & 100

Transformers – see pages 120 & 124



SPECIFICATIONS

CERTIFICATION

Ex II 2 G Ex de IIC T6

INGRESS PROTECTION

IP66

OPERATING TEMPERATURE

-15°C to +40°C

INPUT CABLE

4x10mm Braided (HOFR)

VOLTAGE

440V 3 Phase

SWITCHING

Main incoming isolator.
Individual isolator on each socket

PROTECTION

Individual MCB on each socket

DIMENSIONS

1150mm (h) x 680mm (w) x 600mm (d)

WEIGHT (INCL. CABLE)

55kg

CORE PRODUCT INFORMATION

SA POWERNET EX MDU 440V 2-way c/w CEAG plug,
2 x 32A 4P CEAG sockets, and 10m of HOFR braided cable
Order Code: PNDU440/10-2EX/CEA



SA POWERNET EX MDU 440V 3-way c/w CEAG plug, 1 x 32A 4P
& 2 x 16A 4P CEAG sockets, and 10m of HOFR braided cable
Order Code: PNDU440/10-12EX/CEA



SA POWERNET EX MDU 440V 4-way c/w CEAG plug,
4 x 16A 4P CEAG sockets, and 10m of HOFR braided cable
Order Code: PNDU440/10-4EX/CEA



Different cable lengths also available – please contact SA Equip for more details.

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.



3.8KVA TRANSFORMER

PNLT



PROVIDING 110V OR 230V POWER SAFELY TO YOUR WORK AREA

The new SA POWERNET PNLT Transformer is an ATEX approved (Zones 1 and 2, 21 and 22) Transportable Transformer with a capacity of no less than 3.8KVA. Continuously rated, the PNLT will **deliver power safely wherever you need it**. It is a thoroughbred SA product that has been painstakingly developed, to be highly durable yet extremely easy to use. Transportation is simple with a wraparound protective marine grade stainless steel frame, fork lift points and certified lifting points. Weighing in at under 100kgs and developed to fit two on a Euro pallet, this unit is highly compact.

3.8KVA

TRANSFORMER

PNLT

BENEFITS

- ATEX & IECEx Certified for Zones 1 and 2 (gas), 21 and 22 (dust)
- 3.8KVA continuously rated
- Safe construction
- Dynamic load tested
- Suitable for use down to -40°C
- Tough and durable
- Compact and stable
- Waterproof and dustproof
- Integrated storage for 10m of supply cable
- Easy maintenance
- MCB and RCD Protection
- Certified Transportable

Compatible with...

SA LUMIN – our lighting range

SA POWERNET – our range of MDU, Transformers, Splitter Boxes, and Extension Leads

SA CYCLONE – our range of Fans

SA FLEXIHEAT – our range of Pipe Heating Jackets



SPECIFICATIONS

- CERTIFICATION

II 2 G D

Ex db eb IIC T4 Gb

Ex tb IIIC T135°C Db
- INGRESS PROTECTION

IP66
- OPERATING TEMPERATURE

-40°C to +40°C
- RATING

3800VA
- DIMENSIONS

760mm (w) x 580mm (d) x 760mm (h)
- WEIGHT

90kg approx.
- INPUT CABLE

10m HOFr (or as required)
- PNLT230110CEA

Input 230V 16A CEAG Plug

Input Protection 32A MCB

Output 110V CTE 4 x 16A CEAG Sockets

Output Protection 2 x 13A MCB B Type, 30mA RCD
- PNLT440110CEA

Input 440V 64A 4P CEAG Plug

Input Protection 16A Fuse

Output 110V CTE 4 x 16A CEAG Sockets

Output Protection 2 x 16A MCB B Type, 30mA RCD
- PNLT440230CEA

Input 440V 64A 4P CEAG Plug

Input Protection 32A MCB

Output 230V 4 x 16A CEAG Sockets

Output Protection 1 x 16A MCB B Type, 30mA RCD

CORE PRODUCT INFORMATION

- SA POWERNET EX 3.8KVA Transformer

4-way 230V-110V CTE

Order Code: PNLT230110CEA


- SA POWERNET EX 3.8KVA Transformer

4-way 440V-110V CTE

Order Code: PNLT440110CEA


- SA POWERNET EX 3.8KVA Transformer

4-way 440V-230V

Order Code: PNLT440230CEA



Different input voltages, connectors and cable lengths are also available – please contact SA Equip for more details.

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.



400VA TRANSFORMER

TRA



COMPACT, RUGGED, INCREDIBLY TOUGH

Our SA POWERNET EX 400VA Transformer comprises a composite box mounted via shock absorbers onto a marine-grade steel frame, with a special internal chassis securing the internal components. The result is a **phenomenally rugged unit**, but with no compromise on portability – at **only 17kg and 560mm wide**, it'll go anywhere you need it. A range of voltage and output options are available, as well as a Centre Tapped to Earth variant, it's supplied fully tested and ready for use.

400VA TRANSFORMER TRA

BENEFITS

- ATEX Certified for Zones 1 and 2 (gas), 21 and 22 (dust)
- Portable, tough, and durable
- Compact and lightweight
- Waterproof and dustproof
- Fuse protected
- Compatible with the SA LUMIN Worklights
- Fast delivery times

You may also need...

Standard LED Worklights – see pages 60 & 64

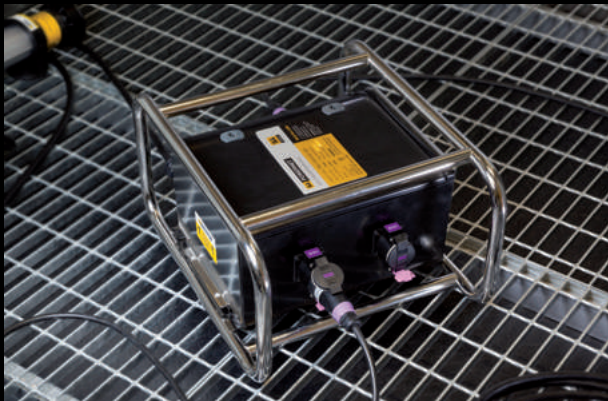
Emergency LED Worklight – see page 68

MDU – see page 116

Splitter Boxes – see page 128

Extension Leads – see page 136

Vessel Entry Kits – see pages 63, 67 & 79



SPECIFICATIONS

CERTIFICATION
 Ex II 2 G D
 Ex de IIC T4 – T5
 Ex tD A21 IP66 T135°C – T100°C

INGRESS PROTECTION
 IP66

OPERATING TEMPERATURE
 -20°C to +40°C

RATING
 400VA

INPUT VOLTAGE
 110VAC (1 x 16A Plug),
 230VAC (1 x 16A Plug)

OUTPUT VOLTAGE
 24VAC (4 x Socket outlets),
 42VAC (4 x Socket outlets),
 110VAC (4 x Socket outlets)

DIMENSIONS
 560mm (w) x 460mm (d) x 300mm (h)

WEIGHT
 17kg (without cable)

CABLE LENGTH
 15m (or as required)

CORE PRODUCT INFORMATION

SA POWERNET EX Transformer 4-way 230-24V 400VA
 c/w 1 x 16A CEAG plug, 4 x ATX sockets, and 15m of
 HOFR braided cable
Order Code: TRA23024/400-4EX/CEA



SA POWERNET EX Transformer 4-way 110-24V 400VA
 c/w 1 x 16A CEAG plug, 4 x ATX sockets, and 15m of
 HOFR braided cable
Order Code: TRA11024/400-4EX/CEA



SA POWERNET EX Transformer CTE 4-way 230-110V 400VA
 c/w 1 x 16A CEAG plug, 4 x CEAG sockets, and 15m of
 HOFR braided cable
Order Code: TRAC230110/C400-4EX/CEA



SA POWERNET EX Transformer 4-way 230-42V 400VA
 c/w 1 x 16A CEAG plug, 4 x CEAG sockets, and 15m of
 HOFR braided cable
Order Code: TRA23042/C400-4EX/CEA



STAHL connectors and different cable lengths also available –
 please contact SA Equip for more details.

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.



SPLITTER BOX

PNSB



ACHIEVE MORE IN LESS TIME

The SA POWERNET EX Splitter Box safely provides four 16A socket outlets in any environment. The rugged, waterproof and dustproof design makes our box practically indestructible, and it's supplied ready for use in **full 'plug-and-play'** state. Available in a range of voltage options, and usually available for next-day delivery.

SPLITTER BOX

PNSB

BENEFITS

- ATEX Certified for Zones 1 and 2 (gas), 21 and 22 (dust)
- Tough and durable
- Fast delivery times
- Waterproof and dustproof
- Compatible with SA lighting systems

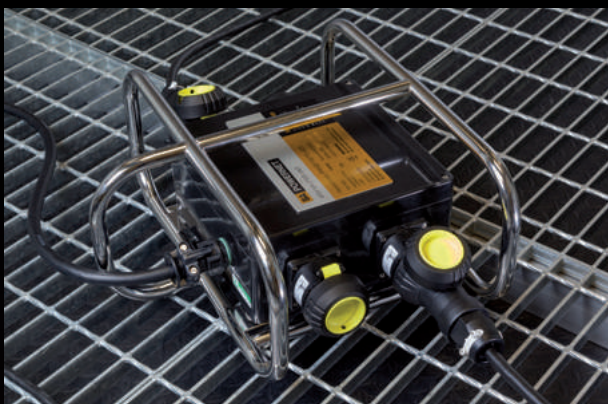
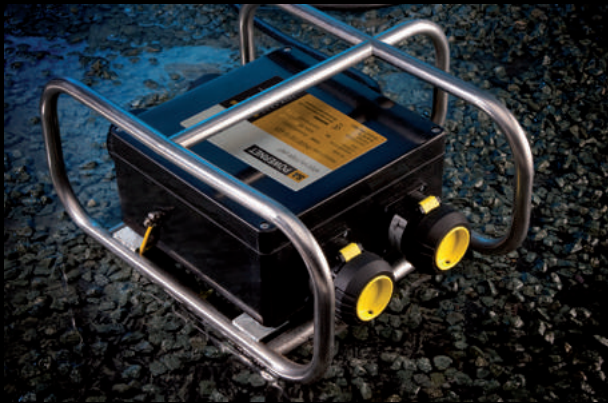
You may also need...

Standard LED Worklights – see pages 60 & 64

Emergency LED Worklight – see page 68

Transformers – see pages 120 & 124

Extension Leads – see page 136



SPECIFICATIONS

CERTIFICATION
 Ex II 2 G D
 Ex de IIC T6
 Ex tD A21 IP66 T85°C

CERTIFICATION (WITH STAHL SOCKETS)
 Ex II 2 G
 Ex de IIC T6

INGRESS PROTECTION
 IP66

OPERATING TEMPERATURE
 -20°C to +40°C

VOLTAGE
 110VAC, 230VAC

INPUT
 1 x 16A Plug

OUTPUT
 4 x 16A Socket Outlets

DIMENSIONS
 450mm (w) x 450mm (d) x 200mm (h)

WEIGHT
 6.6kg (without cable)

CABLE LENGTH
 15m (or as required)

CORE PRODUCT INFORMATION

SA POWERNET EX Splitter Unit 4-way 110V
 c/w 1 x 16A CEAG plug, 4 x 16A CEAG sockets,
 and 15m of braided HOFR cable
Order Code: PNSB110/15-4EX/CEA



SA POWERNET EX Splitter Unit 4-way 230V
 c/w 1 x 16A CEAG plug, 4 x 16A CEAG sockets,
 and 15m of braided HOFR cable
Order Code: PNSB230/15-4EX/CEA



SA POWERNET EX Splitter Unit 4-way 110V
 c/w 1 x 16A STAHL plug, 4 x 16A STAHL sockets,
 and 15m of braided HOFR cable
Order Code: PNSB110/15-4EX/STA



SA POWERNET EX Splitter Unit 4-way 230V
 c/w 1 x 16A STAHL plug, 4 x 16A STAHL sockets,
 and 15m of braided HOFR cable
Order Code: PNSB230/15-4EX/STA



ATX connectors and different cable lengths also available –
 please contact SA Equip for more details.

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.





EXTENSION REEL

PNER



THE WORLD'S FIRST 'OFF THE SHELF' EXTENSION REEL

Designed and built to withstand the most demanding conditions, the SA POWERNET EX Extension Reel is highly portable, stable, waterproof and dustproof, and comes in **a wide range of variants** accommodating different plug and socket combinations, cable types and voltages.

EXTENSION REEL PNER

BENEFITS

- ATEX Certified for Zones 1 and 2 (gas), 21 and 22 (dust)
- Highly portable
- Tough stainless steel construction
- Waterproof and dustproof
- Compatible with SA LUMIN Worklights
- Large number of variants available

You may also need...

Standard LED Worklights – see pages 60 & 64

Emergency LED Worklight – see page 68

Transformers – see pages 120 & 124

Splitter Boxes – see page 128



SPECIFICATIONS

CERTIFICATION

Ex II 2 G D
Ex de IIC T5 Gb
Ex tb IIIC T100°C Db IP66

INGRESS PROTECTION

IP66

OPERATING TEMPERATURE

-20°C to +40°C

VOLTAGE

110VAC, 230VAC

INPUT

1 x 16A Plug

OUTPUT

1 x 16A Socket

DIMENSIONS

490mm (h) x 390mm (w) x 400mm (d)

WEIGHT

16.2kg (with HOFR cable)

CABLE LENGTH

25m (or as required)

CORE PRODUCT INFORMATION

SA POWERNET EX Extension Reel 110V
c/w 1 x 16A CEAG plug, 1 x 16A CEAG socket,
and 25m of braided HOFR cable

Order Code: PNER110EX/25HRE/CEA



SA POWERNET EX Extension Reel 230V
c/w 1 x 16A CEAG plug, 1 x 16A CEAG socket,
and 25m of braided HOFR cable

Order Code: PNER230EX/25HRE/CEA



ATX & STAHL connectors, different cable lengths and types are also available
in 24V and 42V versions – please contact SA Equip for more details.

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.





EXTENSION LEAD

PNEL



A COST-EFFECTIVE SOLUTION, WHEREVER YOU NEED POWER

Built to the highest standards for exceptional reliability, the SA POWERNET EX Extension Leads deliver **power to hazardous areas effectively and with minimum hassle**. ATEX compliant, tough and durable, compatible with all SA lighting equipment and supplied ready to use. All leads are high performance cables and there are a wide variety of options available.

EXTENSION LEAD PNEL

BENEFITS

- ATEX Certified for Zones 1 and 2 (gas), 21 and 22 (dust)
- Tough and durable
- Fast delivery times
- Waterproof and dustproof
- Compatible with SA LUMIN Worklights

You may also need...
Standard LED Worklights – see pages 60 & 64
Emergency LED Worklight – see page 68
Transformers – see pages 120 & 124
Splitter Boxes – see page 128



SPECIFICATIONS

CERTIFICATION
Ex II 2G D
Ex de IIC T5 Gb
Ex tb IIIC T100°C Db IP66

INGRESS PROTECTION
IP66

OPERATING TEMPERATURE
-20°C to +40°C

VOLTAGE
24VAC, 42VAC, 110VAC, 230VAC, 400VAC

INPUT
1 x 16A Plug
(32A on 400VAC)

OUTPUT
1 x 16A Mobile Socket
(32A on 400VAC)

WEIGHT
6kg (HOFR) – 15m Extension Lead

CORE PRODUCT INFORMATION

SA POWERNET EX Extension Lead 24V
c/w 1 x 16A ATX plug, 1 x 16A ATX socket
and 20m of braided HOFR cable (HRE)
(Operating Temp -15°C to +40°C)
Order Code: PNEL24EX20HRE/ATX16/3P



SA POWERNET EX Extension Lead 110V
c/w 1 x 16A CEAG plug, 1 x 16A CEAG socket,
and 15m of braided HOFR cable
Order Code: PNEL110EX15HRE/CEA16/3P



SA POWERNET EX Extension Lead 110V
c/w 1 x 16A CEAG plug, 1 x 16A CEAG socket,
and 25m of braided HOFR cable
Order Code: PNEL110EX25HRE/CEA16/3P



SA POWERNET EX Extension Lead 230V
c/w 1 x 16A CEAG plug, 1 x 16A CEAG socket,
and 15m of braided HOFR cable
Order Code: PNEL230EX15HRE/CEA16/3P



SA POWERNET EX Extension Lead 230V
c/w 1 x 16A CEAG plug, 1 x 16A CEAG socket,
and 25m of braided HOFR cable
Order Code: PNEL230EX25HRE/CEA16/3P



SA POWERNET EX Extension Lead 400V
c/w 1 x 32A 4P CEAG plug, 1 x 32A 4P CEAG socket,
and 25m of braided HOFR cable (HR)
Order Code: PNEL400EX25HR/CEA32/4P



ATX & STAHL connectors and other cable types and other voltages
also available – please contact SA Equip for more details.

See page 26 for our Plug, Socket, and Cable guide.

See pages 142 – 145 for the complete Core Product Directory.