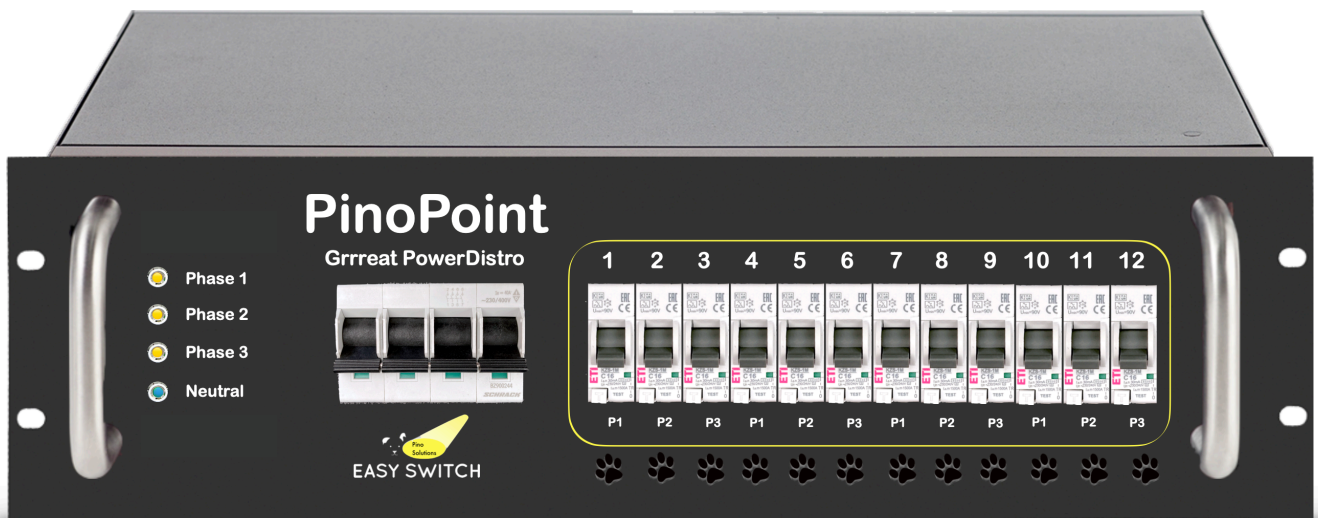


PINO SOLUTIONS

PINOPOINT™

USER NANUAL

V1.0





Pino Solutions Pino Point™ User Manual v1.0

Thank you for purchasing the Pino Solutions PinoPoint™

The Pino Solutions **PinoPoint™** is available in various versions and for various applications.

It can be used stand-alone as power distribution.

If the PinoPoint™ is integrated in an existing ADB Dimmer, this does not change the existing electrical implementation of the ADB Dimmer. .

The existing cabling, controls and electrical load to be connected remains the same.

The operating voltage for this upgrade is supplied by the ADB Dimmer and is separately protected.

Veiligheidsvoorschriften

This manual is part of the Pino Solutions PinoPoint™ and contains important information about the correct procedure and use.

Read the operating instructions carefully, especially the safety instructions, before using the PinoPoint™. Keep the manual for further use.

If you pass the system on to third parties or other users, please also pass on this manual. The manual is based on the standards and regulations applicable in the European Union.

Please also observe the country-specific applicable guidelines and laws

WARNING !



This product is only suitable for the use of power distribution of fixed voltage for the specified loads to be connected.

Pino Solutions is not liable for incorrect use of the PinoPoint™ or use for purposes other than those stated in this manual.

When making modifications yourself, opening the equipment and breaking the warranty seal or not following the instructions as stated in this manual, all liability and warranty will lapse.

Het is aangeraden het onderhoud en herstelling van dit product enkel te laten uitvoeren door Roadtech Services of een door hun aangeduid erkend service punt.

Dimmers and the Pino Solutions PinoPoint™ should always be housed in a dry, well-ventilated space. If housed in a closed space, additional coling should be provided by means of air treatment (airconditioning).

IMPORTANT!

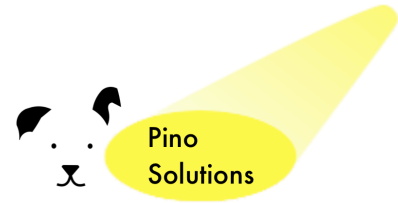
The PinoPoint™ has been designed to safely connect other equipment to the existing cabling infrastructure of your theatre, venue or mobile installation.

Before connecting the PinoPoint™ it is important to first switch off the main switch on the front panel and to provide a suitable external circuit breaker for the power supply.

Before connecting or disconnecting loads, ensure that the RCBO's are switched off.

1. Introduction

1.1 Description



The PinoPoint™ is a simple power distributor with 3-phase input with 12 single-phase outputs.

It has been designed for applications where fixed voltage is required. It can be built into existing ADB Eurodim cabinets or into 19" racks and tour flight cases. The PinoPoint™ power distributor consists of a 4-pole input switch with neutral conductor disconnect and individual RCBO (RCD+MCB) circuit breakers per output. The front panel has three phase indicators (yellow) and a neutral conductor indicator (blue).

The nominal value of the single-phase output is available in 10A, 13A and 16A versions.

The outputs are equipped with screw terminals as standard. Harting, Socapex and PowerCon outputs are also available depending on the model.

If the PinoPoint™ is integrated in an existing ADB Dimmer installation this will exclusively be installed and commissioned by Roadtech Services or an authorised Pino Solutions Partner.

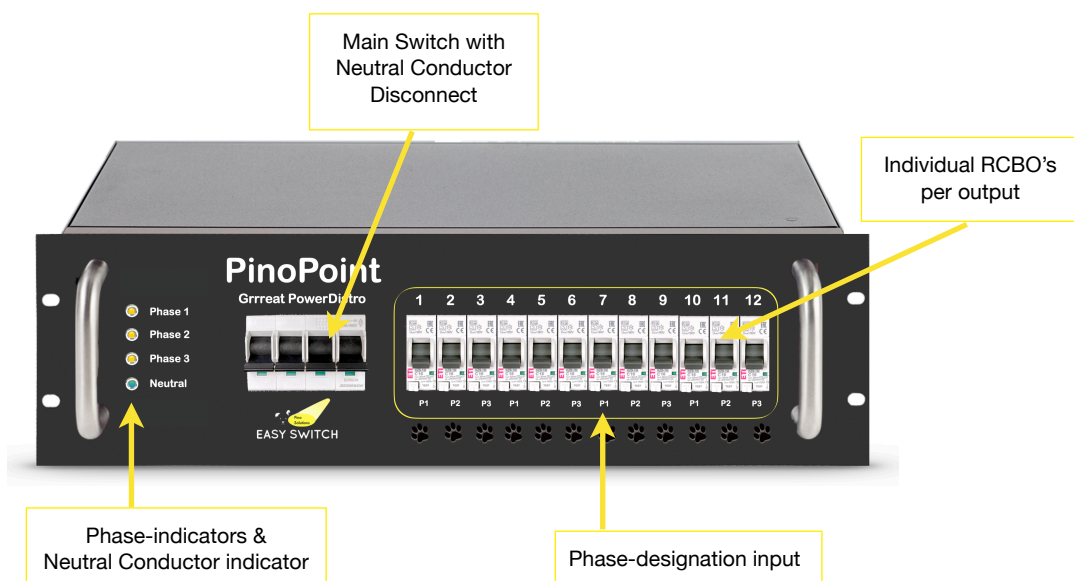
The ADB Dimmer(s) get a complete check *during a complete install*.

- - All contacts and connectors will be checked and adjusted where necessary.
- - Fans will be cleaned and measured for sufficient cooling.
- - Menu settings will be reviewed and corrected where necessary.
- - Dimmers will be tested extensively. Repairs and spare parts are not included.

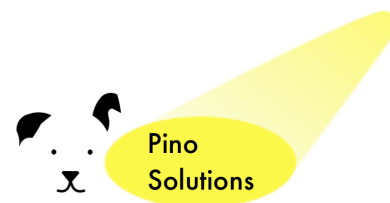
1.2 Features

The PinoPoint™ features the following characteristics:

- Front panel with handles and mounting holes for 19" rack.
- High-quality, tour-proof housing (3mm steel plate), 3RU high.
- 3 individual phase indicators (yellow) that indicate the status of the input phase.
- 1 neutral conductor indicator (blue) that indicates whether the neutral conductor is present.
- 4P input switch with neutral conductor disconnection.
- 12 x 10A, 12 x 13A or 12 x 16A outputs.
- Individual RCBO's for each output. These protect against short circuits and overloads combined with protection against earth leakage currents.
- Entirely built in Belgium and assembled using only European components.



2. Connections, safety instructions and precautions



2.1 Connections

The nominal power supply is 220-240 Volt, 380-415 Volt (3phase), 50Hz.

The phase numbering on the front panel indicates which individual outputs are supplied by the input voltage phases. These are as follows:

| Uitgang | Fase Ingang | Uitgang | Fase Ingang |
|---------|-------------|---------|-------------|
| 1 | P1 | 7 | P1 |
| 2 | P2 | 8 | P2 |
| 3 | P3 | 9 | P3 |
| 4 | P1 | 10 | P1 |
| 5 | P2 | 11 | P2 |
| 6 | P3 | 12 | P3 |

2.2 Afgeschakelde automaten

If an output does not work, check the RCBO for that specific output. If the breaker is disabled (OFF) then try to find the cause of the trip. This could be a faulty connected device, defective cabling, a circuit overload or an earth leakage fault.

Resolve the problem by removing or replacing the faulty device, cabling or reduce the load.

The RCBO can then be switched back on.

If the RCBO continues to switch itself off, contact a qualified person to locate and rectify the fault.

2.3 End of working day and switching off the system!

After use, it is always important to switch off your power supply and never leave it unattended.



Why?

- Disconnecting the system from the power supply increases fire safety.
- No voltage remains on outlets / connections, thus saving valuable energy.
- Lifespan of all equipment is extended.

2.4 Maintenance

Have a suitably qualified person check that all screw contactst the rear of the PinoPoint™ are tightened correctly.

There are no parts in the PinoPoint™ that need to be maintained by the end user. Maintenance is necessary to ensure that each device can continue to de used afely and reliably. A three-year maintenace interval is recommended.

Always contact Roadtech Services or an authorised Pino Solutions Partner for maintenance of your devices.

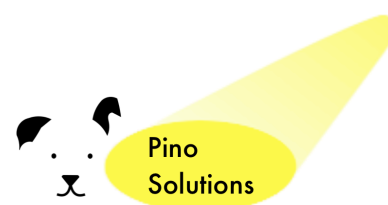
Maintenance contracts are available in various formats.

2.5 Alterations

After purchasing the PinoPoint™, changes may be made or updated manuals may be published. Therefore, please check the website regularly for information. If new guidelines are published that are important for the use of the PinoPoint™, please add them to this manual.




3. Technical Specifications, Standards and Conformities



2.1 Specifications

| Feature | |
|-------------------------------------|--|
| Dimensions (mm) | 483 x 133 x 340 (LxWxD) |
| Weight (kg) | 9 |
| Fastening | 19" rack mountable |
| RU | 3RU |
| IP rating | indoor, IP20 |
| Operation Temperature & RH | 5°C-60°C, 30-70% RH |
| Power | 3x230V/415VAC ±10%, 50/60Hz |
| Connection input | Phoenix Contact panel feed-through terminal block (recht of 90°) |
| N° of individual outputs | 12 |
| Connection outputs (standasrd) | Phoenix Contact Pluggable STB (Screw Terminal Block) |
| Connection outputs (opties) | Schuko, Socapex , HAN16/HAN24, PowerConTrue, or combi's (in Power Cube version) |
| Main Switch | 4P+N 40A / 4P+N 63A |
| Surge Protection | Immediate disconnection in the absence of a neutral conductor |
| Input Indicators | 3 x individual yellow LEDs for individual phases (P1, P2, P3) 1 x individual blue LED for presence of neutral conductor |
| Max. Capacity and safety per output | 10A, 13A of 16A (depending on version) RCBO C-type, 30mA |
| Garantie | 2 jaar |

 The PinoPoint™ complies with the applicable 2014/30/EU EMC and 2014/35/EU directives.



The PinoPoint™ does not belong in the rubbish bin and must be disposed of in accordance with local regulations.



The PinoPoint™ was assembled in Belgium using only European components.



2.2 Standards and Conformities

See list of standards and conformities below.

The Pino Solutions PinoPoint™ complies with the applicable 2014/30/EU EMC and 2014/35/EU directives.

Contactdetails

Roadtech Services

Volkensvoortstraat 31b

3201 Aarschot

België

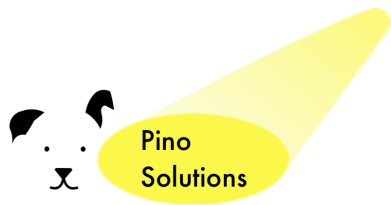
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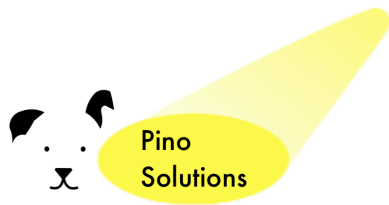
support@roadtechservices.com

www.pinosolutions.be

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Notities:





CE

EC-Declaration of Conformity

We, the undersigned, Arovitec bv, located Volkensvoortstraat 31b, 3201 Aarschot, Belgium certify and declare under our sole responsibility that the following apparatus:

Product naam: Pino Solutions Easy Power series
Product model (with output variations): PinoPoint
Serienummer: n/a
Lot: n/a

meets the essential requirements as described in the directives 2014/30/EU EMC and 2014/35/EU.

Aarschot, *November 1st 2025*

For Arovitec bv,

A handwritten signature in black ink, appearing to read "Birgit Depoorter".

Birgit Depoorter
company director