

FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

PHARPS32000000

MPS III power supply



|          |                                  |
|----------|----------------------------------|
| PRODUCT  | PHARPS32000000                   |
| FAMILY   | ABB Harmony Rack MPS III         |
| FUNCTION | MPS III power supply             |
| STATUS   | Verify exact installed equipment |

Prepared by Amikon Limited from ABB documentation. This guide supplements the complete manufacturer manual and site procedure.

## 01 CONFIRM THE ORDERED CONFIGURATION

|                    |                                 |
|--------------------|---------------------------------|
| Component Class    | Multi-output power supply       |
| System Family      | Harmony Rack MPS III            |
| Primary Function   | Provides system and field power |
| Power Architecture | Multi-voltage DC power system   |
| +5 V Output        | 60 A regulated rail             |
| +15 V Output       | 3 A positive rail               |

## 02 PREPARATION AND CONNECTION

- Confirm the complete PHARPS32000000 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

## OFFICIAL INSTALLATION REFERENCE

PHARPS32000000

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### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Depth / Length | 228.6 mm |
| Product Net Height         | 330.2 mm |
| Product Net Width          | 635 mm   |
| Product Net Weight         | 0 kg     |

### Environmental

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |
| Number of Batteries          | 0                                                          |
| Battery Chemical Composition | Lithium                                                    |
| Battery Type                 | Button Cell                                                |
| Battery Weight               | 5 g                                                        |

### Categories

Control System Products → Power Supply Products → S+ HR Power → S+ HR - Modular Power System III → MPS III - Power Supply Trays → PHARPS32000000 Power Supply Tray

Control Systems → Symphony Harmony INF1 90 → I/Os → Harmony Block I/O → P-HA-REP-RFO → Power Supplies



## 04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

## 05 CONTROLLED DOCUMENT

|                 |                                           |
|-----------------|-------------------------------------------|
| Official source | ABB PHARPS32000000 Product Details Report |
| Product record  | PHARPS32000000                            |
| Manufacturer    | ABB                                       |
| Warranty        | 12 months from AMIKON                     |
| Support         | INFO@AMIKON.CN                            |

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM