

ABB HARMONY RACK MPS III

Product Data Sheet

PHARPS32000000

MPS III power supply

FUNCTION	FAMILY	ORIGIN	WEIGHT
MPS III power supply	ABB Harmony Rack MPS III	Switzerland	4.8 kg

ABB PHARPS32000000 is a MPS III power supply for the ABB Harmony Rack MPS III. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

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
-15 V Output	3 A negative rail
+24 V Output	17 A field-power rail
Redundancy Arrangement	2N and N+1 configuration
Mechanical Format	Slide-in supply design

ADDITIONAL PRODUCT DATA

Monitoring Function	System power monitoring
Power Supply Chassis	PHARPSCH100000 accessory
Cooling and Monitor	PHARPSFAN03000 assembly
Power Entry Selection	Matched main and auxiliary PEP
Lifecycle Reference	ABB status dated February 2017

OFFICIAL APPLICATIONS

- Feed Harmony rack electronics: Supply the documented 5 V and ± 15 V rails for MPS III system electronics while maintaining the matched chassis, cooling and monitoring hardware.
- Provide the dedicated 24 V rail: Use the 24 V at 17 A output for the documented MPS III field-power distribution and confirm the installed power entry panel before connection.
- Maintain 2N or N+1 availability: Replace the slide-in module within the recorded 2N or N+1 arrangement, then verify every DC rail and the system-monitoring indication before return to service.

SYSTEM COMPATIBILITY

Match PHARPS32000000 to the installed ABB Harmony Rack MPS III, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB PHARPS32000000 Product Details Report](#)

<https://new.abb.com/products/PHARPS32000000/pharps32000000>

AMIKON PRODUCT SUPPORT

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