INFI 90 HARMONY

# Product Data Sheet

## INNPM22

Network Processing Module

| SUPPLY VOLTAGE | SUPPLY CURRENT | ROM CAPACITY | RAM CAPACITY |
|---|---|---|---|
| **+5 V DC** | **2 A** | **2 MB** | **8 MB** |

ABB INNPM22 is a network processing module in the INFI 90 Harmony control family. Together with its network interface module, it provides the processing portion of the connection between a Harmony control unit and the plant control network.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Supply voltage | +5 V DC |
| Supply current | 2 A |
| ROM capacity | 2 MB |
| RAM capacity | 8 MB |
| Controlway data rate | 1 Mbaud |
| Module bus data rate | 83.3 kbaud |
| MMU slot requirement | 1 slot |
| Operating temperature | 0 to 70 deg C |
| Relative humidity | 20 to 95% to 55 deg C; 20 to 45% at 55 to 70 deg C; noncondensing |
| Operating altitude | 0 to 3 km |

Values follow the unit photographs and applicable documents identified on page 2.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Required air quality | Noncorrosive |
| I/O expander bus width | 8 bits |
| Diagnostic serial interface | RS-232 |
| Cnet status record length | 16 bytes |
| Firmware transfer protocol | XMODEM |

## 03 DOCUMENTED USE SETTINGS

Electricity Production and Industrial Heat Supply: Thermal Electric Power Generation.

Water Supply and Wastewater Treatment: Drinking Water Treatment and Supply.

Pulp Manufacture and Paper Production: Pulp Manufacture and Fibre Preparation.

## 04 SYSTEM COMPATIBILITY

INNPM22 operates with its associated INNIS21 network interface as the Cnet-to-HCU communication interface. ABB manual 2VAA001455 explicitly applies its NPM22 references to INNPM22 and the corresponding Symphony Plus version.

## 05 PRODUCT EVIDENCE

ABB INNPM22 product detail; ABB 2VAA001455 user manual, applicability preface and sections 1.10,2.3,5.5,O

**AMIKON PRODUCT SUPPORT**

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