

ABB ADVANT MOD 300

Product Data Sheet

3BHE020570R1022 PPD114B1022

industrial control board

FUNCTION industrial control board	FAMILY ABB Advant MOD 300	ORIGIN Switzerland	WEIGHT 0.50 kg
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ABB Advant MOD 300 3BHE020570R1022 PPD114B1022 is a industrial control board for the ABB Advant MOD 300. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temp	-40°C to +80°C
Flammability	IEC 60332-1 (flame-retardant)
Data Rate	Up to 10 Mbps
Signal Type	RS-485
Max Cable Length	100m
Termination	120Ω resistor
Cable Length	2m
Jacket Material	PUR (oil-/UV-resistant)
Bending Radius	≥5× cable diameter
Exact Article Code	3BHE020570R1022 PPD114B1022

ADDITIONAL PRODUCT DATA

Board Designation	PPD114B1022
Product Family	ABB Advant MOD 300
Component Type	Industrial Control Board
Assembly Class	ABB PCB assembly
System Interface	ABB Advant MOD 300 control interface

OFFICIAL APPLICATIONS

- Control utility distribution with Industrial Control: Across the steam, cooling and instrument-air headers, 3BHE020570R1022 PPD114B1022 provides its specified system function as a industrial control board. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.
- Track pipeline pumping with Industrial Control: During operation of the mainline pumps and block valves, 3BHE020570R1022 PPD114B1022 provides its specified system function as a industrial control board. During equipment switchover, the system uses this function to align pump duty with pressure and flow demand, helping it maintain controlled movement through the line.
- Route stock preparation with Industrial Control: Across the pulp chests and refiners, 3BHE020570R1022 PPD114B1022 provides its specified system function as a industrial control board. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.

SYSTEM COMPATIBILITY

Match 3BHE020570R1022 PPD114B1022 to the installed ABB Advant MOD 300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant MOD 300 documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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