

ABB AC 800PEC

Product Data Sheet

3BHE027859R0102 DD C779 CE102

industrial pcb board

FUNCTION industrial pcb board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.85 kg
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ABB AC 800PEC 3BHE027859R0102 DD C779 CE102 is a industrial pcb board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	0°C to +55°C (derate above 40°C)
Storage Temperature	-40°C to +85°C
Humidity	5–95% RH (non-condensing)
Power Supply	24 V DC
Power Consumption	< 1.5 W
Voltage Isolation	DC 1000 V
Exact Article Code	3BHE027859R0102 DD C779 CE102
Board Designation	DD C779 CE102
Product Family	ABB AC 800PEC
Component Type	Industrial Pcb Board

ADDITIONAL PRODUCT DATA

Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

OFFICIAL APPLICATIONS

- Manage chemical dosing with Industrial Pcb process control: Inside the metering pumps and contact tanks, 3BHE027859R0102 DD C779 CE102 provides its specified system function as a industrial pcb board. During dose-setpoint correction, the system uses this function to match reagent flow to the measured process load, helping it keep treatment chemistry inside its operating target.
- Govern compressor-train operation with Industrial Pcb: In the automation chain for the compressors, seals and antisurge loops, 3BHE027859R0102 DD C779 CE102 handles its designated signal or control duty as a industrial pcb board. During throughput change, the system uses this function to coordinate the control and protection signals for the train, helping it keep the rotating train inside its operating envelope.
- Integrate generator excitation with Industrial Pcb: During operation of the field circuits and voltage regulation, 3BHE027859R0102 DD C779 CE102 operates in its approved product-family role as a industrial pcb board. During load change, the system uses this function to adjust the assigned regulation path from operating feedback, helping it hold the electrical variable at its commanded target.

SYSTEM COMPATIBILITY

Match 3BHE027859R0102 DD C779 CE102 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB AC 800PEC documentation](#)

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

AMIKON PRODUCT SUPPORT

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