

ABB AC 800PEC

Product Data Sheet

3BHE021083R0101 XVC770 BE101

industrial hvd board

FUNCTION industrial hvd board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.10 kg
----------------------------------	-------------------------	-----------------------	-------------------

ABB AC 800PEC 3BHE021083R0101 XVC770 BE101 is a industrial hvd board for the ABB AC 800PEC. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Series	XV Series
Voltage Rating	380V to 690V AC
Operating Temperature Range	-20°C to +60°C
Storage Temperature Range	-40°C to +85°C
Humidity Range	Generally supports 5% to 95%
Exact Article Code	3BHE021083R0101 XVC770 BE101
Board Designation	XVC770 BE101
Product Family	ABB AC 800PEC
Component Type	Industrial Hvd Board
Assembly Class	ABB PCB assembly

ADDITIONAL PRODUCT DATA

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
Signal Domain	Control and diagnostic signals

OFFICIAL APPLICATIONS

- Synchronize terminal transfer during transfer start: Across the loading pumps and metering runs, 3BHE021083R0101 XVC770 BE101 performs its assigned control role as a industrial hvd board. During transfer start, the system uses this function to prove the flow path before product movement, helping it start transfer with the intended containment path.
- Govern generator excitation with Industrial Hvd: At the control layer of the field circuits and voltage regulation, 3BHE021083R0101 XVC770 BE101 provides its specified system function as a industrial hvd 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.
- Coordinate dryer-section control with Industrial Hvd: As part of the steam groups and dryer drives, 3BHE021083R0101 XVC770 BE101 supports the configured automation role as a industrial hvd board. During moisture correction, the system uses this function to align thermal and drive response with the running sheet, helping it support the target moisture profile.

SYSTEM COMPATIBILITY

Match 3BHE021083R0101 XVC770 BE101 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

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM