

ABB AC 800PEC

Product Data Sheet

3BHE023585R2458 PPD113 B13-24-660711

process control module

FUNCTION process control module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 2.75 kg
---	--------------------------------	------------------------------	--------------------------

ABB AC 800PEC 3BHE023585R2458 PPD113 B13-24-660711 is a process control module for the ABB AC 800PEC. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Rack Supply	24 V dc
Power Dissipation	≤ 8 W typical
Analog Inputs	24 × 4 – 20 mA
Update Time	≤ 10 ms for all channels
Isolation	1500 V dc channel-to-bus
Operating Temp	–20 °C ... +70 °C
Storage Temp	–40 °C ... +85 °C
Humidity	5 – 95 % RH non-condensing
Exact Article Code	3BHE023585R2458 PPD113 B13-24-660711
Board Designation	PPD113 B13-24-660711

Product Family	ABB AC 800PEC
Component Type	Process Control Module
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply

- Protect utility distribution with Process Control: During operation of the steam, cooling and instrument-air headers, 3BHE023585R2458 PPD113 B13-24-660711 serves its documented function as a process control module. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.
- Protect turbine auxiliary control with Process Control: For the coordinated operation of the lube-oil pumps and turning gear, 3BHE023585R2458 PPD113 B13-24-660711 provides its specified system function as a process control module. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.
- Regulate gas treatment during process upset process control: As part of the separators, contactors and regeneration skids, 3BHE023585R2458 PPD113 B13-24-660711 handles its designated signal or control duty as a process control module. During process upset, the system uses this function to stabilize vessel and regeneration conditions, helping it restore product specification after the disturbance.

Match 3BHE023585R2458 PPD113 B13-24-660711 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM