

ABB AC 800PEC

Product Data Sheet

3BHE034872R0101 UFD402A101

optical fiber board

FUNCTION optical fiber board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.08 kg
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ABB AC 800PEC 3BHE034872R0101 UFD402A101 is a optical fiber board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Isolation Voltage	1500V AC
Operating Temperature	0°C to +60°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% RH (non-condensing)
Fiber Type	Multi-mode (62.5/125µm)
Wavelength	850nm/1300nm
Data Rate	1Gbps (1000BASE-SX)
Connector Type	Duplex LC
Transmission Distance	Up to 550m (MMF)
Operating Voltage	5V DC (±5%)

Power Consumption	3.5W (typical)
Interface	PCI Express
Exact Article Code	3BHE034872R0101 UFD402A101
Board Designation	UFD402A101
Product Family	ABB AC 800PEC

- Supervise boiler feedwater during protective transfer: Inside the feed pumps and drum-level loops, 3BHE034872R0101 UFD402A101 operates in its approved product-family role as a optical fiber board. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.
- Regulate recipe mixing with Optical Fiber process control: In the automation chain for the mixers and ingredient skids, 3BHE034872R0101 UFD402A101 provides its specified system function as a optical fiber board. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Route reel and winder operation with Optical Fiber: At the control layer of the reels, slitters and winding drums, 3BHE034872R0101 UFD402A101 serves its documented function as a optical fiber board. During roll change, the system uses this function to synchronize winding torque with roll diameter, helping it build a roll with controlled tension.

Match 3BHE034872R0101 UFD402A101 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](#)

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