

ABB ADVANT CONTROLLER 110/160

Product Data Sheet

3BSE007137R1 PFVO131

industrial panel unit

FUNCTION industrial panel unit	FAMILY ABB Advant Controller 110/160	ORIGIN Switzerland	WEIGHT 0.24 kg
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ABB Advant Controller 110/160 3BSE007137R1 PFVO131 is a industrial panel unit for the ABB Advant Controller 110/160. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-25°C to +70°C (-13°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	5–95% RH (non-condensing)
Module Slots	8 slots for S800 I/O modules
Orientation	Vertical
Exact Article Code	3BSE007137R1 PFVO131
Board Designation	PFVO131
Product Family	ABB Advant Controller 110/160
Component Type	Industrial Panel Unit
Assembly Class	ABB PCB assembly

ADDITIONAL PRODUCT DATA

System Interface	ABB Advant Controller 110/160 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

- Sequence ingredient dosing with Industrial Panel: For the coordinated operation of the batch vessels and dosing valves, 3BSE007137R1 PFVO131 provides its specified system function as a industrial panel unit. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.
- Control utility distribution during utility constraint: At the control layer of the steam, cooling and instrument-air headers, 3BSE007137R1 PFVO131 handles its designated signal or control duty as a industrial panel unit. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.
- Integrate dryer-section control with Industrial Panel: In the automation chain for the steam groups and dryer drives, 3BSE007137R1 PFVO131 supports the configured automation role as a industrial panel unit. 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 3BSE007137R1 PFVO131 to the installed ABB Advant Controller 110/160, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant Controller 110/160 documentation](#)

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

AMIKON PRODUCT SUPPORT

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