

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BSC690104R2

pp345 process panel

FUNCTION	FAMILY	ORIGIN	WEIGHT
pp345 process panel	ABB Advant OCS and Advant-800xA	Switzerland	2.90 kg

ABB Advant OCS and Advant-800xA 3BSC690104R2 is a pp345 process panel for the ABB Advant OCS and Advant-800xA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3BSC690104R2
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Pp345 Process Panel
Assembly Class	ABB PCB assembly
System Interface	ABB Advant OCS and Advant-800xA 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
Service Position	Documented rack slot

Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test
Maintenance Identity	3BSC690104R2 controlled service identity

- Track reactor charging with Pp345 Process process control: Across the feed valves, vessels and agitators, 3BSC690104R2 operates in its approved product-family role as a pp345 process panel. During batch initiation, the system uses this function to sequence the material path against vessel readiness, helping it begin the reaction from a verified state.
- Track terminal transfer during transfer start: Within the loading pumps and metering runs, 3BSC690104R2 provides its specified system function as a pp345 process panel. 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.
- Sequence reel and winder operation with Pp345 Process: In the automation chain for the reels, slitters and winding drums, 3BSC690104R2 supports the configured automation role as a pp345 process panel. During roll change, the system uses this function to synchronize winding torque with roll diameter, helping it build a roll with controlled tension.

Match 3BSC690104R2 to the installed ABB Advant OCS and Advant-800xA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Advant OCS and Advant-800xA documentation](#)

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