

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BSC690103R2

pp245 process panel

FUNCTION pp245 process panel	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 0.80 kg
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ABB Advant OCS and Advant-800xA 3BSC690103R2 is a pp245 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	3BSC690103R2
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Pp245 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	3BSC690103R2 controlled service identity

- Integrate generator excitation with Pp245 Process: Across the field circuits and voltage regulation, 3BSC690103R2 performs its assigned control role as a pp245 process panel. 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.
- Govern ingredient dosing with Pp245 Process process control: Within the batch vessels and dosing valves, 3BSC690103R2 performs its assigned control role as a pp245 process panel. 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.
- Protect gas treatment with Pp245 Process process control: For the coordinated operation of the separators, contactors and regeneration skids, 3BSC690103R2 operates in its approved product-family role as a pp245 process panel. During process upset, the system uses this function to stabilize vessel and regeneration conditions, helping it restore product specification after the disturbance.

Match 3BSC690103R2 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](#)

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM