

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE018297R0003

uns 0890a p v3 sci

FUNCTION uns 0890a p v3 sci	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 0.26 kg
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UNITROL Excitation Systems 3BHE018297R0003 is a uns 0890a p v3 sci for the UNITROL Excitation Systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3BHE018297R0003
Product Family	UNITROL Excitation Systems
Component Type	Uns 0890A P V3 Sci
Assembly Class	ABB PCB assembly
System Interface	UNITROL Excitation Systems 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	3BHE018297R0003 controlled service identity

- Regulate aseptic filling with Uns 0890A process control: Inside the fillers and container conveyors, 3BHE018297R0003 supports the configured automation role as a uns 0890a p v3 sci. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.
- Regulate generator excitation with Uns 0890A process control: Within the field circuits and voltage regulation, 3BHE018297R0003 supports the configured automation role as a uns 0890a p v3 sci. 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.
- Route gas treatment with Uns 0890A process control: Within the separators, contactors and regeneration skids, 3BHE018297R0003 performs its assigned control role as a uns 0890a p v3 sci. During process upset, the system uses this function to stabilize vessel and regeneration conditions, helping it restore product specification after the disturbance.

Match 3BHE018297R0003 to the installed UNITROL Excitation Systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB UNITROL Excitation Systems documentation](#)

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

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