

ABB DRIVES

Product Data Sheet

3BSE004939R2

sdcs pin 48 pulse transformer

FUNCTION	FAMILY	ORIGIN	WEIGHT
sdcs pin 48 pulse transformer	ABB Drives	Switzerland	0.30 kg

ABB Drives 3BSE004939R2 is a sdcs pin 48 pulse transformer for the ABB Drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3BSE004939R2
Product Family	ABB Drives
Component Type	Sdcs Pin 48 Pulse Transformer
Assembly Class	ABB PCB assembly
System Interface	ABB Drives 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	3BSE004939R2 controlled service identity

- Regulate aeration-blower output with Sdcs Pin: In the automation chain for the blower motors, air headers and oxygen-control loops, 3BSE004939R2 handles its designated signal or control duty as a sdcs pin 48 pulse transformer. During oxygen-setpoint change, the system uses this function to coordinate blower speed with the required air delivery, helping it match aeration energy to treatment demand.
- Maintain test-stand control with Sdcs Pin process control: Across the load actuators and measurement channels, 3BSE004939R2 handles its designated signal or control duty as a sdcs pin 48 pulse transformer. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Coordinate dryer-section control during moisture correction: Within the steam groups and dryer drives, 3BSE004939R2 handles its designated signal or control duty as a sdcs pin 48 pulse transformer. 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.

Match 3BSE004939R2 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Drives documentation](#)

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

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