

ABB AC 800PEC

Product Data Sheet

3BSE018137R1 CI858-1

drivebus interface module

FUNCTION drivebus interface module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.76 kg
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ABB AC 800PEC 3BSE018137R1 CI858-1 is a drivebus interface module for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +85°C
Humidity	5-95% RH (non-condensing)
Data rate	10 Mbps
Max. distance	100m (fiber length)
Supply voltage	24 VDC (±10%)
Power consumption	<5 W
Isolation	1500 VAC
Exact Article Code	3BSE018137R1 CI858-1
Board Designation	CI858-1

Product Family	ABB AC 800PEC
Component Type	Drivebus Interface Module
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply

- Observe cooling-fan control with Drivebus Interface: Within the air coolers, fan motors and temperature feedback, 3BSE018137R1 CI858-1 handles its designated signal or control duty as a drivebus interface module. During ambient-load change, the system uses this function to trim fan speed to the measured cooling requirement, helping it hold outlet temperature without unnecessary fan power.
- Monitor aeration-blower output with Drivebus Interface: Across the blower motors, air headers and oxygen-control loops, 3BSE018137R1 CI858-1 operates in its approved product-family role as a drivebus interface module. 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.
- Regulate paint-shop conveying with Drivebus Interface: Within the carrier tracking and booth interfaces, 3BSE018137R1 CI858-1 handles its designated signal or control duty as a drivebus interface module. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.

Match 3BSE018137R1 CI858-1 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

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