

ABB S800 I/O

Product Data Sheet

AI810 3BSE008516R1

analog input module

FUNCTION analog input module	FAMILY ABB S800 I/O	ORIGIN Sweden	WEIGHT 0.20 kg
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ABB Advant S800 I/O AI810 3BSE008516R1 is a analog input module for the ABB S800 I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Channels	8 single-ended
Current Range	0/4 to 20 mA
Voltage Range	0 to 10 V
Resolution	12 bit
Current Input Resistance	250 Ω
Station Supply	24 V DC
Isolation	Field group to backplane
Compatible MTUs	TU810 / TU830 family
Status Reporting	Module and channel status
Input Topology	1 group of 8 channels

- Reactor instrumentation cabinets: Process Input Systems
- Treatment plant control panels: Utility Input Systems
- Paper machine process stations: Mill Input Systems

Match AI810 3BSE008516R1 to the installed ABB S800 I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB AI810 official product documentation](#)

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