

ABB S800 I/O

Product Data Sheet

AO810V2 3BSE038415R1

analog output module

FUNCTION analog output module	FAMILY ABB S800 I/O	ORIGIN Sweden	WEIGHT 0.18 kg
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ABB Advant S800 I/O AO810V2 3BSE038415R1 is a analog output module for the ABB S800 I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Output Channels	8
Signal Range	0/4 to 20 mA
Resolution	14 bit
Load Resistance	500 / 850 Ω maximum
Rated Isolation	50 V
Update Cycle	2 ms maximum
Rise Time	0.35 ms at 500 Ω
Field Cable Length	600 m maximum
Dielectric Test	500 V AC
Power Dissipation	2.3 W

ADDITIONAL PRODUCT DATA

Modulebus Current	70 mA maximum at 5 V
External Current	245 mA at 24 V
Compatible MTUs	TU810 / TU812 / TU814 / TU830 / TU833

OFFICIAL APPLICATIONS

- Reactor control output cabinets: Analog Output Systems
- Boiler auxiliary control panels: Plant Output Systems
- Paper machine drive sections: Mill Output Systems

SYSTEM COMPATIBILITY

Match AO810V2 3BSE038415R1 to the installed ABB S800 I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB System 800xA product catalog 3BSE091397](#)

<https://library.e.abb.com/public/a884c5b418c2480f8b6c9dd537e232/3BSE091397%20en%20T%20System%20800xA%206.1.1.2%20Product%20Catalog.pdf>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM