AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

DI811 3BSE008552R1

S800 Digital Input Module

TYPE	REFERENCE	FAMILY	SCOPE
S800 Digital Input Module	**DI811**	**S800 I/O**	**Exact-model data**

ABB DI811 is a sixteen-channel S800 I/O digital input module for 48 V DC current-sinking signals. Its inputs form two isolated groups of eight, each with process-voltage supervision, while optical isolation and channel indicators support the documented input and diagnostic arrangement.

01 DOCUMENTED PRODUCT REFERENCE

Input channels	16
Nominal input specification	48 V DC; current sinking
Input signal voltage range	36-60 V DC
Input current	4 mA at 48 V
Isolation arrangement	2 groups of 8 channels, isolated from ground
Logic-state voltage ranges	State 0: -60 to +10 V; state 1: 30-60 V
Input impedance	11 kohm
Selectable digital filter	2 / 4 / 8 / 16 ms

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Maximum field cable length	600 m
Rated insulation voltage	50 V
Dielectric test voltage	500 V AC
Power dissipation	2.7 W typical
5 V Modulebus current	50 mA
Protection rating	IP20, IEC 60529
MTU keying code	BD

03 APPLICATION AND CONFIGURATION

- DI811 and 3BSE008552R1 identity
- 48 V DC current-sinking input circuits
- Group voltage supervision and filter settings
- Compatible MTU with BD keying
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB DI811 official product data sheet, 2026-11-06

ABB DI811 official exported data sheet, 2026-11-06, pp. 1-2; MTU references pp. 2-3.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM