

SIMATIC S7-1500 F-DQ 8X24VDC/2A PPM

Product Data Sheet

6ES7526-2BF00-0AB0

Fail safe digital output module

OUTPUT CHANNELS	RATED CHANNEL CURRENT	SUPPLY VOLTAGE	NO-LOAD SUPPLY CURRENT
8	2 A	24 V DC, 19.2 to 28.8 V	110 mA rated, 130 mA maximum

Siemens 6ES7526-2BF00-0AB0 is the F-DQ 8x24VDC/2A PPM fail-safe output module for SIMATIC S7-1500. It provides configurable digital output circuits for compatible safety automation when used in the approved controller, wiring and PROFIsafe configuration.

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VERIFIED TECHNICAL DATA

Output channels	8
Rated channel current	2 A
Supply voltage	24 V DC, 19.2 to 28.8 V
No-load supply current	110 mA rated, 130 mA maximum
Backplane power	0.8 W
Power loss	11 W
S7-1500 address length	6 input bytes, 6 output bytes
Output switching	PM or PP
Wire-break threshold	8 mA
Overload response current	2.9 A

ADDITIONAL PRODUCT DATA

Load resistance	12 to 2000 ohm
Total output current	16 A at 40 deg C horizontal; 8 A at 60 deg C
Lamp load	10 W maximum
Signal cable length	1000 m shielded, 500 m unshielded
Safety capability	PL e / SIL 3 with PROFIsafe

DOCUMENTED USE SETTINGS

Automotive Production and Vehicle Assembly Processes: Vehicle Assembly Production.

Food Production and Beverage Manufacturing Processes: Food Ingredient Processing.

Packaging Material Production and Consumer Packaging: Packaging Material Manufacturing.

SYSTEM COMPATIBILITY

Siemens 6ES7526-2BF00-0AB0 is the F-DQ 8x24VDC/2A PPM fail-safe output module for SIMATIC S7-1500. It provides configurable digital output circuits for compatible safety automation when used in the approved controller, wiring and PROFIsafe configuration.

PRODUCT EVIDENCE

Siemens SIMATIC S7-1500 F-DQ 8x24VDC/2A PPM technical documentation

AMIKON PRODUCT SUPPORT

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