

SIMATIC ET 200iSP

Product Data Sheet

6ES7132-7RD01-0AB0

Four-channel intrinsically safe digital output module

DIGITAL OUTPUT CHANNELS	INTRINSICALLY SAFE H-SHUTDOWN INPUTS	OUTPUT NO-LOAD VOLTAGE	RATED OUTPUT CURRENT
4	1	23.1 V DC	20 mA

Siemens 6ES7132-7RD01-0AB0 is a SIMATIC ET 200iSP electronic module with four digital outputs and an intrinsically safe H-shutdown input. It connects compatible field actuators to an approved distributed process I/O station.

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VERIFIED TECHNICAL DATA

Digital output channels	4
Intrinsically safe H-shutdown inputs	1
Output no-load voltage	23.1 V DC
Rated output current	20 mA
Internal output resistance	275 ohm
Typical supply current	290 mA
Maximum power-bus current	340 mA with actuator supply
Typical power loss	2.5 W
Address space	2 bytes
Maximum resistive switching frequency	100 Hz

ADDITIONAL PRODUCT DATA

Maximum inductive switching frequency	2 Hz
Maximum field cable length	500 m
IIC maximum entity voltage U_0	25.6 V
IIC maximum entity current I_0	96 mA
IIC maximum entity power P_0	0.61 W

DOCUMENTED USE SETTINGS

Industrial Chemical Production and Process Manufacturing: Industrial Chemical Production.

Oil Production and Natural Gas Processing: Oil Production and Refining.

Pharmaceutical Manufacturing and Industrial Process Production: Pharmaceutical Ingredient Production.

SYSTEM COMPATIBILITY

6ES7132-7RD01-0AB0 belongs to the SIMATIC ET 200iSP family and provides the documented four-channel intrinsically safe digital output module function. Its digital output channels is 4; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200iSP manufacturer documentation; applicable pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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