SIMATIC ET 200ISP RELAY OUTPUTS

Product Data Sheet

6ES7132-7HB00-0AB0

Two-channel relay output module

RELAY OUTPUT CHANNELS	CONTACT VOLTAGE CLASS	RATED CONTACT CURRENT	LOAD SUPPLY DEMAND
2	**60 V UC**	**2 A**	**120 mA maximum without load**

Siemens 6ES7132-7HB00-0AB0 is an ET 200iSP electronics module with two isolated relay outputs. The documented contact class is 60 V UC at 2 A. Its relay channels support separate field circuits and are isolated from the backplane and load supply.

01 TECHNICAL DATA

Relay output channels	2
Contact voltage class	60 V UC
Rated contact current	2 A
Load supply demand	120 mA maximum without load
Typical module current	100 mA
Typical power loss	1.1 W
Resistive turn-on delay	8 ms maximum
Resistive turn-off delay	3 ms maximum
Resistive switching rate	0.5 Hz maximum, manual conditions apply
Inductive switching rate	0.2 Hz maximum, manual conditions apply

Siemens 6ES7132-7HB00-0AB0 manufacturer specification, applicable pages 1, 2.

02 ADDITIONAL PRODUCT DATA

Signal cable length	500 m maximum
Channel isolation	Between outputs, backplane and load supply
Output paralleling	Not permitted for uprating or redundant actuation
Circuit short-circuit protection	Not included
Fault response	Configurable substitute values; diagnostic interrupt

03 PRODUCT FUNCTION

For resistive loads, maximum turn-on and turn-off delays are eight and three milliseconds respectively. The relay circuits do not include short-circuit protection, and outputs cannot be paralleled to increase current. Green channel LEDs and a red group-fault LED provide indication, while diagnostic information does not determine an open circuit in the switched contact wiring.

04 SYSTEM COMPATIBILITY

Provide external circuit protection and respect the manual switching-frequency limits for resistive and inductive loads. Keep the isolated channel circuits separate and do not parallel their contacts for current uprating.

05 REFERENCE

Siemens 6ES7132-7HB00-0AB0 manufacturer specification, applicable pages 1, 2.

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