MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7132-7HB00-0AB0

TWO-CHANNEL RELAY OUTPUT MODULE

Used with the applicable SIMATIC ET 200iSP Relay Outputs configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

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

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Data sheet 6ES7132-7HB00-0AB0



Figure similar

SIMATIC DP, electronic module for ET200iSP, 2DO relay UC60V / 2A, Ex eb ib mb IIC T4 Gb, Ex eb ib mb I Mb

General information	
Product type designation	2DQ relay 60 V UC/2 A
Input current	
Current consumption, typ.	100 mA
from load voltage L+ (without load), max.	120 mA
Power loss	
Power loss, typ.	1.1 W
Digital outputs	
Type of digital output	Relays
Number of digital outputs	2
Short-circuit protection	No
Output current	
● for signal "1" rated value	2 A
Output delay with resistive load	
● "0" to "1", max.	8 ms
● "1" to "0", max.	3 ms
Parallel switching of two outputs	
● for uprating	No
● for redundant control of a load	No
Switching frequency	
● with resistive load, max.	0.5 Hz; See data in manual
● with inductive load, max.	0.2 Hz; See data in manual
Relay outputs	
Switching capacity of contacts	
— with resistive load, up to 60 °C, max.	2 A; See data in manual
— Thermal continuous current, max.	2 A; See data in manual
Cable length	
● shielded, max.	500 m
● unshielded, max.	500 m
Interrupts/diagnostics/status information	
Substitute values connectable	Yes
Alarms	
● Diagnostic alarm	Yes
● Hardware interrupt	No
Diagnoses	
● Diagnostic information readable	Yes
● Wire-break	No; Cannot be determined in contact power circuit
● Short-circuit	No; Cannot be determined in contact power circuit
Diagnostics indication LED	

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● Group error SF (red)	Yes
● Status indicator digital output (green)	Yes; Per channel
Ex(i) characteristics	
maximum values for connecting terminals for gas group IIC	
● Uo (no-load voltage), max.	60 V
● Um (voltage at non-intrinsically safe connecting terminals), max.	250 V
Potential separation	
Potential separation digital outputs	
● between the channels	Yes
● between the channels and backplane bus	Yes
● Between the channels and load voltage L+	Yes; Channels and power bus
Standards, approvals, certificates	
CE mark	Yes
Highest safety class achievable in safety mode	
● SIL acc. to IEC 61508	No
Dimensions	
Width	30 mm
Height	129 mm
Depth	136.5 mm
Weights	
Weight, approx.	255 g

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