SIEMENS

Data sheet 6ES7132-4HB50-0AB0



*** Spare part *** SIMATIC DP, Electronics module ET 200S: 2 DQ relay (change-over contact) 24 V-48 V DC/5 A, 24 V-230 V AC/5 A, 15 mm width, substitute value output, with manual operation

General information	
Product function	
● Isochronous mode	No
Supply voltage	
Load voltage L+	
● Rated value (DC)	24 V; From power module
● Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	30 mA
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Power loss, typ.	0.6 W
Address area	
Address space per module	
● Address space per module, max.	1 byte
● with packing	2 bit
Digital outputs	
Type of digital output	Relays
Number of digital outputs	2
Short-circuit protection	No
Limitation of inductive shutdown voltage to	No
Controlling a digital input	Yes
Output current	
● for signal "1" rated value	5 A
● for signal "1" minimum load current	8 mA
Switching frequency	
● with resistive load, max.	2 Hz
● with inductive load, max.	0.5 Hz
● on lamp load, max.	2 Hz
Relay outputs	
Switching capacity of contacts	
— Thermal continuous current, max.	5 A
Cable length	
● shielded, max.	1 000 m
● unshielded, max.	600 m
Interrupts/diagnostics/status information	
Diagnostics function	No
Substitute values connectable	Yes; 0/1
Diagnostics indication LED	

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● Status indicator digital output (green)	Yes
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
Ambient conditions	
Altitude during operation relating to sea level	
● Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	50 g

Classifications

	Version	Classification
eClass	16	27-24-26-04
eClass	14	27-24-26-04
eClass	12	27-24-26-04
eClass	9.1	27-24-26-04
eClass	9	27-24-26-04
eClass	8	27-24-26-04
eClass	7.1	27-24-26-04
eClass	6	27-24-26-04
ETIM	10	EC001599
ETIM	9	EC001599
ETIM	8	EC001599
ETIM	7	EC001599
IDEA	4	3566
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval					For use in hazardous locations
Miscellaneous	Manufacturer Declaration	UL	EAC	China RoHS	FM

For use in hazardous locations	Maritime application			
UL	ABS	LRS	PRS	CCS (China Classification Society)

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