SIEMENS

Data sheet 6ES7132-4HB13-0AB0

Siemens EcoTech

*** Spare part *** SIMATIC DP, 5 electronic modules, ET 200S: 2 relay per module, isolated change-over contacts, 24 V-48 V DC/5 A, 24 V-230 V AC/5 A, 15 mm width, substitute value output, 5 units per packing unit



Figure similar

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; The relay outputs must be fused externally with 6 A. When installing in a hazardous area in accordance with the National Electric Code (NEC), the fuse may only be removed using a suitable tool if the module is not in the hazardous area.
Limitation of inductive shutdown voltage to	No
Controlling a digital input	Yes
Output current	
● for signal "1" rated value	5 A; See data in manual
● 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
Total current of the outputs (per group)	
horizontal installation	
— up to 50 °C, max.	5 A; per channel
— up to 60 °C, max.	4 A; per channel

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vertical installation	
— up to 40 °C, max.	5 A; per channel
Relay outputs	
Switching capacity of contacts	
— Thermal continuous current, max.	5 A; See data in manual
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	
● 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	Up to max. 2 000 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

CCC, cULus, VDE, EAC, CE EG-Konf., UKCA

Test Certificates	Maritime application

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Special Test Certificate	Type Test Certificates/Test Report				

other		Environment		
Confirmation		Environmental Confirmations		

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