SIEMENS

Data sheet 6ES7132-4HB13-0AB0

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



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

Subject to change without notice
© Copyright Siemens

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
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

Parameter	
Response to CPU/master STOP	Substitute a value/keep last value

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

Subject to change without notice
© Copyright Siemens

Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm

Weights	
Weight, approx.	50 g

last modified: 12/09/2020

Subject to change without notice
© Copyright Siemens