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Data sheet 6ES7132-0GF00-0XB0

*** SPARE PART*** SIMATIC DP, ELECTRONIC MODULE DIGITAL, FOR ET 200B, W=160MM, 8 RO 24V - 60V DC, DEGR. OF PROTECT. IP20,STANDARD

Supply voltage	
Rated value (DC)	24 V; L3+; value at t < 0.5 s: 35 V
permissible range, lower limit (DC)	18.5 V
permissible range, upper limit (DC)	30.2 V
Input current	
Current consumption, typ.	130 mA; from L3+; logic
I^2t	0.05 $A^2 \cdot s$; with starting current inrush
Power loss	
Power loss, typ.	2 W
Hardware configuration	
Rack	
• required terminal block	TB1/DC, TB1-4/DC, TB3/DC, TB3-4/DC
Digital outputs	
Number of digital outputs	8; Relays
Short-circuit protection	No
Controlling a digital input	Yes
Output voltage	
• Rated value (DC)	24 V; 24 V DC to 60 V DC
Switching frequency	
• with resistive load, max.	10 Hz
• with inductive load, max.	2 Hz
Relay outputs	
Switching capacity of contacts	
— with inductive load, max.	0.5 A; at 30 V DC
— with resistive load, max.	2 A; at 24 V DC; max. 1.5 A at 48 V DC; max. 1 A at 60 V DC
— Thermal continuous current, max.	5 A
Cable length	
• unshielded, max.	100 m
Interfaces	
PROFIBUS DP	
• Transmission rate, max.	12 Mbit/s
• SYNC capability	Yes

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Protocols	
Bus protocol/transmission protocol	PROFIBUS DP
Interrupts/diagnostics/status information	
Diagnostics indication LED	
• RUN LED	Yes
• Bus fault BF (red)	Yes
• Status indicator digital output (green)	Yes
Potential separation	
between electronic block and PROFIBUS DP	Yes
Potential separation digital outputs	
• Potential separation digital outputs	Yes
• between the channels, in groups of	1
Degree and class of protection	
Degree of protection acc. to EN 60529	IP20
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	0 °C
• horizontal installation, max.	60 °C; 40°C for other mountings
Air pressure acc. to IEC 60068-2-13	
• permissible range, lower limit	795 hPa
• permissible range, upper limit	1 080 hPa
Relative humidity	
• Operation, min.	15 %
• Operation, max.	95 %; RH class 2 in accordance with IEC 1131-2
Vibrations	
• Operation, tested according to IEC 60068-2-6	Yes; IEC 68, Part 2-6; 10 to 57 Hz; (constant amplitude 0.075 mm); 57 to 150 Hz; (constant acceleration 1 g)
Shock test	
• tested according to IEC 60068-2-27	Yes; IEC 68, Part 2-27; half-sine, 15 g, 11 ms
Connection method	
Design of electrical connection for the inputs and outputs	Screw-type and spring-loaded terminals, permanent wiring; 3 and 4-wire connection
Dimensions	
Width	160 mm; EB and TB
Height	130 mm; EB and TB
Depth	60 mm; EB and TB
Weights	
Weight, approx.	650 g; EB and TB
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