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Data sheet 6ES7322-1HF01-0AA0



Figure similar

SIMATIC S7-300, DIGITAL OUTPUT SM 322, OPTICALLY ISOLATED, 8 DO (RELAY), 1 X 20 PIN, 24V DC, 2A OR 230V AC, 2A

Supply voltage	
Load voltage L+	
• Rated value (DC)	24 V
Input current	
from backplane bus 5 V DC, max.	40 mA
Power losses	
Power loss, typ.	3.2 W
Digital outputs	
Number of digital outputs	8; Relays
Switching capacity of the outputs	
• on lamp load, max.	50 W
Output current	
• for signal "1" rated value	2 A
• for signal "1" minimum load current	5 mA
Switching frequency	
• with resistive load, max.	2 Hz
• with inductive load, max.	0.5 Hz
• on lamp load, max.	2 Hz
• mechanical, max.	10 Hz
Relay outputs	
• Rated input voltage of relay coil L+ (DC)	24 V; 110 mA
• Number of operating cycles, max.	300 000; 230 V AC: 100000; 120 V AC: 200000; 24 V DC: 300000 (at 2 A)
Switching capacity of contacts	

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— with inductive load, max.	2 A; 2 A (230 V AC), 2 A (24 V DC)
— with resistive load, max.	2 A
Cable length	
• shielded, max.	1 000 m
• Unshielded, max.	600 m
Interrupts/diagnostics/status information	
Alarms	
• Diagnostic alarm	No
Diagnostic messages	
• Diagnostics	No
• Wire break	No
• Short circuit	No
• Fuse blown	No
• Missing load voltage	No
Diagnostics indication LED	
• Rated load voltage PWR (green)	No
• Fuse OK FSG (green)	No
Potential separation	
Potential separation digital outputs	
• between the channels, in groups of	2
• between the channels and the backplane bus	Yes; Optocoupler
Isolation	
Isolation checked with	1500 V AC
Connection method	
required front connector	20-pin
Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	190 g

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