



Figure similar

spare part SIMATIC S7-300, digital output SM 322, isolated, 8 DO (relay), 1x 40-pole, 24 V DC, 5 A or 230 V AC, 5 A, connectors with spring-loaded terminal can be used as of 6ES7392-1BM01-0AA0

Supply voltage	
Load voltage L+	
• Rated value (DC)	120 V
Load voltage L1	
• Rated value (AC)	230 V
Input current	
from supply voltage L+, max.	125 mA
from backplane bus 5 V DC, max.	40 mA
Power loss	
Power loss, typ.	3.2 W
Digital outputs	
Number of digital outputs	8; Relays
Short-circuit protection	No; to be provided externally
Controlling a digital input	Yes
Switching capacity of the outputs	
• on lamp load, max.	1 500 W; 230 V AC
• Low energy/fluorescent lamps with electronic control gear	10x 58 W
• Fluorescent tubes, conventionally compensated	1x 58 W
• Fluorescent tubes, uncompensated	10x 58 W
Output current	
• for signal "1" rated value	5 A
• for signal "1" minimum load current	5 mA
Parallel switching of two outputs	
• for uprating	No
• for redundant control of a load	Yes
Switching frequency	
• with resistive load, max.	2 Hz
• with inductive load, max.	0.5 Hz
• With inductive load (to IEC 60947-5-1, DC13/AC15), max.	0.5 Hz
• on lamp load, max.	2 Hz
• mechanical, max.	10 Hz
Total current of the outputs (per group)	
horizontal installation	
— up to 60 °C, max.	5 A
vertical installation	
— up to 40 °C, max.	5 A
Relay outputs	
• Rated supply voltage of relay coil L+ (DC)	24 V

• Contact connection (internal) • Number of operating cycles, max.	No 300 000; 300 000 (24 V DC, at 2 A); 200 000 (120 V AC, at 3 A); 100 000 (230 V AC, at 3 A)																																										
Switching capacity of contacts																																											
— with inductive load, max.	3 A; 3 A (230 V DC), 2 A (24 V AC)																																										
— with resistive load, max.	8 A; 8 A (230 V DC), 5 A (24 V AC)																																										
— Thermal continuous current, max.	8 A																																										
Cable length																																											
• shielded, max. • unshielded, max.	1 000 m 600 m																																										
Interrupts/diagnostics/status information																																											
Alarms	No																																										
Diagnostics function	No																																										
Alarms																																											
• Diagnostic alarm	No																																										
Diagnoses																																											
• Wire-break • Short-circuit • Fuse blown • missing load voltage	No No No No																																										
Diagnostics indication LED																																											
• Rated load voltage PWR (green) • Fuse OK FSG (green) • Status indicator digital output (green)	No No Yes																																										
Potential separation																																											
Potential separation digital outputs																																											
• between the channels • between the channels, in groups of • between the channels and backplane bus	Yes 1 Yes; Optocoupler																																										
Isolation																																											
Isolation tested with	2 000 V AC																																										
Connection method																																											
required front connector	40-pin																																										
Dimensions																																											
Width	40 mm																																										
Height	125 mm																																										
Depth	120 mm																																										
Weights																																											
Weight, approx.	320 g																																										
Classifications																																											
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General Product Approval																																											

[Manufacturer Declaration](#)

[Miscellaneous](#)



[China RoHS](#)



General Product Approval	EMV			For use in hazardous locations	Maritime application
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[EM](#)



Maritime application



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Maritime application

[CCS \(China Classification Society\)](#)

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