

SIEMENS

Product data sheet

6ES7322-5HF00-0AB0


SIMATIC S7-300, DIGITAL OUTPUT SM 322,
OPTICALLY ISOLATED, 8 DO (RELAY),
1 X 40 PIN, 24V DC, 120 - 230V AC,
5A WITH INTEGR. SNUBBER F. IND. LOADS

Supply voltage	
Load voltage L+	
Rated value (DC)	24 V
permissible range, lower limit (DC)	24 V
permissible range, upper limit (DC)	120 V
Load voltage L1	
Rated value (AC)	230 V
Input current	
from backplane bus 5 V DC, max.	100 mA
Power losses	
Power loss, typ.	3.5 W
Digital outputs	
Number/binary outputs	8 ; Relay
Lamp load, max.	1500 W ; 230 V AC
Output current	

for signal "1" rated value	5 A
for signal "1" minimum load current	10 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
Aggregate current of outputs (per group)	
horizontal installation	
up to 60 °C, max.	5 A
vertical installation	
up to 40 °C, max.	5 A
Relay outputs	
Number of operating cycles, max.	100000 ; 100000 (24 V DC, at 5 A), 100000 (230 V AC, at 5 A)
Switching capacity of contacts	
with inductive load, max.	5 A ; 5 A (230 V DC); 5 A (24 V AC)
Switching frequency/contacts/at ohmic load/maximum	5 A ; 5 A (230 V DC); 5 A (24 V AC)
Cable length	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
Interrupts/diagnostics/status information	
Alarms	
Diagnostic alarm	Yes ; Parameterizable
Diagnostic messages	
Diagnostics	Yes
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels, in groups of	1
between the channels and the backplane bus	Yes ; Optocoupler
Isolation	
Isolation checked with	1500 V AC
Connection method	

required front connector	40-pin
Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weight	
Weight, approx.	320 g
Status	Jul 17, 2012