

SIEMENS

Product data sheet

6ES7322-5GH00-0AB0


SIMATIC S7-300, DIGITAL OUTPUT SM 322,
OPTICALLY ISOLATED,
16 DA (SOLID STATE RELAY),
AC/DC 24 - 48V;
0.5A;
1.5A SURGE CURRENT,
ONE CHANNEL PER COMMON, 1 X 40 PIN

Supply voltage	
Load voltage L+	
Rated value (DC)	24 V ; 24 / 48
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	57.6 V
Input current	
from load voltage L+ (without load), max.	200 mA
from backplane bus 5 V DC, max.	100 mA
Power losses	
Power loss, typ.	2.8 W
Digital outputs	
Number/binary outputs	16
Lamp load, max.	2.5 W
Output voltage	
for signal "1", min.	L+ (-0.25 V)

Output current	
for signal "1" rated value	0.5 A
for signal "1" permissible range for 0 to 40 °C, max.	0.5 A
for signal "1" permissible surge current, max.	1.5 A ; for 50 ms, 1 A 2 s one-time
for signal "0" residual current, max.	10 µA
Switching frequency	
with resistive load, max.	10 Hz
with inductive load, max.	0.5 Hz
on lamp load, max.	0.5 Hz
Aggregate current of outputs (per group)	
horizontal installation	
up to 40 °C, max.	0.5 A ; (8 A per module)
up to 60 °C, max.	0.5 A ; (8 A per module)
vertical installation	
up to 40 °C, max.	0.5 A ; (8 A per module)
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 ; Parameters can be assigned
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.	260 g
Status	Jul 17, 2012