



SIMATIC S7-300, DIGITAL OUTPUT SM 322,
OPTICALLY ISOLATED, 32DO, 24V DC, 0.5A,
1 X 40 PIN,
SUM OF OUTPUT CURRENTS 4A/GROUP (16A/MODULE)

Supply voltage	
Load voltage L+	
Rated value (DC)	24 V
permissible range, lower limit (DC)	20,4 V
permissible range, upper limit (DC)	28,8 V
Input current	
from load voltage L+ (without load), max.	160 mA
from backplane bus 5 V DC, max.	110 mA
Power loss	
Werkelijk vermogensverlies / typisch	6,6 W
Digital outputs	
Aantal van de digitale uitgangen	32
Switching capacity of the outputs	
Lamp load, max.	5 W
Load resistance range	
lower limit	48 Ω
upper limit	4 kΩ
Output current	

Uitgangsstroom / aan de digitale uitgang / bij signaal <1> / nominale waarde	0,5 A
for signal "1" permissible range for 0 to 40 °C, max.	0,6 A
for signal "1" minimum load current	5 mA
Reststroom / aan de digitale uitgang / bij signaal <0> / maximaal	0,5 mA
Switching frequency	
with resistive load, max.	100 Hz
with inductive load, max.	0,5 Hz
on lamp load, max.	10 Hz
Total current of the outputs (per group)	
horizontal installation	
up to 40 °C, max.	4 A
up to 60 °C, max.	3 A
vertical installation	
up to 40 °C, max.	2 A
Cable length	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
Interrupts/diagnostics/status information	
Alarms	
Diagnostic alarm	Nee
Diagnostic messages	
Diagnostics	Nee
Diagnosefunctie / draadbreek	Nee
Short-circuit	Nee
Diagnostische functie/ontbrekende belastingspanning	Nee
Diagnostics indication LED	
Rated load voltage PWR (green)	Nee
Fuse OK FSG (green)	Nee
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels, in groups of	8
between the channels and the backplane bus	Ja
Dimensions	
Breedte	40 mm
Hoogte	125 mm
Diepte	120 mm
Weights	

Weight, approx.	260 g
Status	29-jul-2014