



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

Alimentação de corrente / [nicht versorgt - Eingang] / [nicht versorgt - Eingangsstrom]

from load voltage L+ (without load), max.	160 mA
Corrente consumida / do barramento do painel traseiro / a 24 V / com CC / máximo	110 mA

Power loss

Potência activa dissipada / típico	6,6 W
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Digital outputs

Quantidade de saídas digitais	32
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Switching capacity of the outputs

Lamp load, max.	5 W
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Load resistance range

lower limit	48 Ω
upper limit	4 kΩ

Output current

Corrente de saída / na saída digital / a um sinal <1> / Valor nominal	0,5 A
Corrente de saída / na saída digital / a um sinal <1> / [nicht versorgt - bei 0 ... 40 °C] / [nicht versorgt - maximal]	0,6 A
for signal "1" minimum load current	5 mA
Corrente residual / na saída digital / com o sinal <0> / máximo	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	No
Diagnostic messages	
Função do produto / [nicht versorgt - Diagnose]	No
Função de diagnóstico / ruptura de fio	No
Short-circuit	No
Função de diagnóstico / Tensão de carga em falta	No
Diagnostics indication LED	
Execução do visor / [nicht versorgt - für Diagnosefunktion: Lastnennspannung PWR] / [nicht versorgt - LED grün]	No
Execução do visor / [nicht versorgt - für Diagnosefunktion: Sicherung OK FSG] / [nicht versorgt - LED grün]	No
Galvanic isolation	
Separação da potência / [nicht versorgt - Digitalausgaben]	
between the channels, in groups of	8
Separação potencial / [nicht versorgt - an den Digitalausgängen] / [nicht versorgt - zwischen den Kanälen und Rückwandbus]	Si
Dimensions	
Largura	40 mm

Altura	125 mm
Profundidade	120 mm
Weights	
Weight, approx.	260 g
Status	29/Jul/2014