



SIMATIC S7-300, ANALOG OUTPUT SM 332,
OPTICALLY ISOLATED, 8 AO, U/I;
DIAGNOSTICS;
RESOLUTION 11/12 BITS, 40 PIN,
REMOVE/INSERT W. ACTIVE, BACKPLANE BUS

Supply voltage	
Load voltage L+	
Rated value (DC)	24 V
Alimentação de corrente / [nicht versorgt - Eingang] / [nicht versorgt - Eingangsstrom]	
from load voltage L+ (without load), max.	340 mA
Corrente consumida / do barramento do painel traseiro / a 24 V / com CC / máximo	100 mA
Power loss	
Potência activa dissipada / típico	6 W
Analog outputs	
Quantidade de saídas analógicas	8
Voltage output, short-circuit protection	Si
Voltage output, short-circuit current, max.	25 mA
Current output, no-load voltage, max.	18 V
Output ranges, voltage	
0 to 10 V	Si
1 to 5 V	Si
-10 to +10 V	Si
Output ranges, current	

0 to 20 mA	Si
-20 to +20 mA	Si
4 to 20 mA	Si
Load impedance (in rated range of output)	
with voltage outputs, min.	1 kΩ
with voltage outputs, capacitive load, max.	1 μF
with current outputs, max.	500 Ω
with current outputs, inductive load, max.	10 mH
Cable length	
Cable length, shielded, max.	200 m
Analog value generation	
Integration and conversion time/resolution per channel	
Resolução A/D / [nicht versorgt - inklusive Übersteuerungsbereich und Vorzeichen] / [nicht versorgt - je Kanal] / [nicht versorgt - maximal]	12 bit
Conversion time (per channel)	0,8 ms
Settling time	
for resistive load	0,2 ms
for capacitive load	3,3 ms
for inductive load	0,5 ms
Errors/accuracies	
Operational error limit in overall temperature range	
Voltage, relative to output area, (+/-)	0,5 %
Current, relative to output area, (+/-)	0,6 %
Basic error limit (operational limit at 25 °C)	
Voltage, relative to output area, (+/-)	0,4 %
Current, relative to output area, (+/-)	0,5 %
Interrupts/diagnostics/status information	
Função do produto / [nicht versorgt - Ersatzwertaufschaltung]	Si
Alarms	
Diagnostic alarm	Si
Diagnostic messages	
Diagnostic information readable	Si
Função do produto / [nicht versorgt - Diagnose]	Si
Diagnostics indication LED	
Execução do visor / [nicht versorgt - für Diagnosefunktion: Sammelfehler SF] / [nicht versorgt - LED rot]	Si
Galvanic isolation	
Separação da potência / [nicht versorgt - Analogausgaben]	

Separação potencial / [nicht versorgt - an den Analogausgängen] / [nicht versorgt - wischen den Kanälen und Rückwandbus]	Si
Dimensions	
Largura	40 mm
Altura	125 mm
Profundidade	120 mm
Weights	
Weight, approx.	272 g
Status	7/Jul/2014