SIEMENS

Data sheet

6ES7326-2BF01-0AB0



 *** Spare part *** SIMATIC S7, Digital output SM 326, 10 DO, 24 V DC, 2A, fail-safe digital output for SIMATIC S7F systems, with diagnostic alarm, 1x 40-pole

Figure similar

F & 110.71	
Supply voltage	
Rated value (DC)	24 V; 1L+
Reverse polarity protection	Yes
Load voltage L+	
 Rated value (DC) 	24 V; 2L+, 3L+
 Reverse polarity protection 	No
Input current	
from supply voltage 1L+, max.	70 mA
from load voltage 2L+ (without load), max.	100 mA
from load voltage 3L+ (without load), max.	100 mA
from backplane bus 5 V DC, max.	100 mA
Power loss	
Power loss, typ.	12 W
Digital outputs	
Number of digital outputs	10
Short-circuit protection	Yes
Limitation of inductive shutdown voltage to	L+ (-53 V) without series diode, L+ (-33 V) with series diode
Switching capacity of the outputs	
• on lamp load, max.	5 W
Output voltage	
• for signal "1", min.	L+ (-1 V) without series diode, L+ (-1.8 V) with series diode
Output current	
• for signal "1" rated value	2 A
• for signal "1" permissible range for 0 to 40 °C, min.	7 mA
 for signal "1" permissible range for 0 to 40 °C, max. 	2 A; 2 A for horizontal installation, 1 A for vertical installation
• for signal "1" permissible range for 40 to 60 °C, min.	7 mA
• for signal "1" permissible range for 40 to 60 °C, max.	1 A; for horizontal installation
for signal "0" residual current, max.	0.5 mA
Switching frequency	
 with resistive load, max. 	10 Hz
 with inductive load, max. 	2 Hz
• on lamp load, max.	10 Hz
Total current of the outputs (per group)	
horizontal installation	
— up to 40 °C, max.	7.5 A; without series diode, 5 A with series diode
— up to 60 °C, max.	5 A; without series diode, 4 A with series diode
vertical installation	
— up to 40 °C, max.	5 A; without series diode, 4 A with series diode
Cable length	

Interrupts/diagnostics/status information Alarms O Diagnostic alarm Ves Diagnostic information readable Personation Fail-safe operation Group error SF (red) Potential separation Potential separation digital outputs O between the channels, in groups of 5 O between the channels and backplane bus Yes O between the channels and the power supply of the electronics Isolation Isolation tested with Stody D D D O D D D O D D O D O D D O D O D	• shielded, max.	1 000 m; 200 m for SIL 3, AK 6, Cat 4	
Alarms	• unshielded, max.	600 m	
Diagnostic alarm Diagnostic information readable Diagnostic information readable Ves Diagnostic information readable Fall-safe operation Group error SF (red) Ves Potential separation Potential separation Potential separation Potential separation Potential separation Potential separation Detween the channels Yes	Interrupts/diagnostics/status information		
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Weights	required front connector Dimensions	40-pin	
	required front connector Dimensions Width	40-pin 80 mm	
Weight, approx. 465 g	required front connector Dimensions Width Height Depth	40-pin 80 mm 125 mm	
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last modified: