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Data sheet 6ES7222-1BF22-0XA0

SIMATIC S7-200, DIGITAL OUTPUT EM 222, FOR S7-22X CPU ONLY, 8DQ, 24 V DC,



Figure similar

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 backplane bus 5 V DC, max.	50 mA
Power loss	
Power loss, typ.	2 W
Digital outputs	
Number of digital outputs	8
Short-circuit protection	No
Limitation of inductive shutdown voltage to	L+ (-48 V)
Output voltage	
• for signal "1", min.	20 V
Output current	

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• for signal "1" rated value	0.75 A
• for signal "1" permissible range for 0 to 55 °C, max.	750 mA
• for signal "0" residual current, max.	10 µA
Parallel switching of two outputs	
• for uprating	Yes
Total current of the outputs (per group)	
all mounting positions	
— up to 40 °C, max.	3 A
— Current per conductor/group, max.	3 A
horizontal installation	
— up to 55 °C, max.	3 A
Relay outputs	
Switching capacity of contacts	
— with inductive load, max.	0.75 A
— on lamp load, max.	5 W
— with resistive load, max.	0.75 A
Cable length	
• shielded, max.	500 m
• unshielded, max.	150 m

Potential separation	
Potential separation digital outputs	
• Potential separation digital outputs	Yes; Optocoupler
• between the channels, in groups of	4

Isolation	
Isolation tested with	500 V AC

Connection method	
Plug-in I/O terminals	Yes

Dimensions	
Width	45 mm
Height	80 mm
Depth	62 mm

Weights	
Weight, approx.	150 g

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