

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	

<ul style="list-style-type: none"> <li>• for signal "1" rated value</li> </ul>	0.75 A
<ul style="list-style-type: none"> <li>• for signal "1" permissible range for 0 to 55 °C, max.</li> </ul>	750 mA
<ul style="list-style-type: none"> <li>• for signal "0" residual current, max.</li> </ul>	10 µA
<b>Parallel switching of two outputs</b>	
<ul style="list-style-type: none"> <li>• for uprating</li> </ul>	Yes
<b>Total current of the outputs (per group)</b>	
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
<b>Relay outputs</b>	
Switching capacity of contacts	
— with inductive load, max.	0.75 A
— on lamp load, max.	5 W
— with resistive load, max.	0.75 A
<b>Cable length</b>	
<ul style="list-style-type: none"> <li>• shielded, max.</li> </ul>	500 m
<ul style="list-style-type: none"> <li>• unshielded, max.</li> </ul>	150 m
<b>Potential separation</b>	
Potential separation digital outputs	
<ul style="list-style-type: none"> <li>• Potential separation digital outputs</li> </ul>	Yes; Optocoupler
<ul style="list-style-type: none"> <li>• between the channels, in groups of</li> </ul>	4
<b>Isolation</b>	
Isolation tested with	500 V AC
<b>Connection method</b>	
Plug-in I/O terminals	Yes
<b>Dimensions</b>	
Width	45 mm
Height	80 mm
Depth	62 mm
<b>Weights</b>	
Weight, approx.	150 g
<b>last modified:</b>	03/16/2017