



SIMATIC DP, 5 electronic modules for ET 200S, 2 DO 24...230 V AC 15 mm width, 5 units per packing unit

Figure similar

Supply voltage	
Reverse voltage protection	Yes; when using the same load voltage as on the power module
Load voltage L1	
<ul style="list-style-type: none"> <li>permissible range, lower limit (AC)</li> <li>permissible range, upper limit (AC)</li> <li>permissible frequency range, lower limit</li> <li>permissible frequency range, upper limit</li> </ul>	24 V; From power module 230 V 47 Hz 63 Hz
Input current	
from load voltage L1 (without load), max.	15 mA; Per channel
from backplane bus 3.3 V DC, max.	18 mA
Power loss	
Power loss, max.	4 W
Address area	
Address space per module	
<ul style="list-style-type: none"> <li>Address space per module, max.</li> <li>with packing</li> </ul>	1 byte 2 bit
Digital outputs	
Type of digital output	Triac
Number of digital outputs	2
Short-circuit protection	Yes
Limitation of inductive shutdown voltage to	-55 to -60 V
Controlling a digital input	Yes; possible
Switching capacity of the outputs	
<ul style="list-style-type: none"> <li>on lamp load, max.</li> </ul>	100 W
Output voltage	
<ul style="list-style-type: none"> <li>for signal "1", min.</li> </ul>	L+ (-1.5 V)
Output current	
<ul style="list-style-type: none"> <li>for signal "1" rated value</li> <li>for signal "1" permissible range, min.</li> <li>for signal "1" permissible range, max.</li> <li>for signal "0" residual current, max.</li> </ul>	2 A 0.1 mA 2.2 A 3 mA
Output delay with resistive load	
<ul style="list-style-type: none"> <li>"0" to "1", max.</li> <li>"1" to "0", max.</li> </ul>	15 ms 15 ms
Parallel switching of two outputs	
<ul style="list-style-type: none"> <li>for uprating</li> <li>for redundant control of a load</li> </ul>	No Yes; per module
Switching frequency	
<ul style="list-style-type: none"> <li>with resistive load, max.</li> <li>with inductive load, max.</li> </ul>	10 Hz 0.5 Hz

• on lamp load, max.	1 Hz
<b>Total current of the outputs</b>	
• Current per module, max.	2 A; note derating data in the manual
<b>Cable length</b>	
• shielded, max.	1 000 m
• unshielded, max.	600 m
<b>Interrupts/diagnostics/status information</b>	
Diagnostics function	No
<b>Diagnostics indication LED</b>	
• Status indicator digital output (green)	Yes
<b>Parameter</b>	
Remark	3 byte
Response to CPU/master STOP	Substitute a value/keep last value, 0/1
<b>Potential separation</b>	
<b>Potential separation digital outputs</b>	
• between the channels	No
• between the channels and backplane bus	Yes
<b>Isolation</b>	
Isolation tested with	2 500 V DC
<b>Dimensions</b>	
Width	15 mm
Height	81 mm
Depth	52 mm
<b>Weights</b>	
Weight, approx.	37 g
<b>last modified:</b>	2/9/2021 