



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"> permissible range, lower limit (AC) permissible range, upper limit (AC) permissible frequency range, lower limit permissible frequency range, upper limit 	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"> Address space per module, max. with packing 	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"> on lamp load, max. 	100 W
Output voltage	
<ul style="list-style-type: none"> for signal "1", min. 	L+ (-1.5 V)
Output current	
<ul style="list-style-type: none"> for signal "1" rated value for signal "1" permissible range, min. for signal "1" permissible range, max. for signal "0" residual current, max. 	2 A 0.1 mA 2.2 A 3 mA
Output delay with resistive load	
<ul style="list-style-type: none"> "0" to "1", max. "1" to "0", max. 	15 ms 15 ms
Parallel switching of two outputs	
<ul style="list-style-type: none"> for uprating for redundant control of a load 	No Yes; per module
Switching frequency	

<ul style="list-style-type: none"> • with resistive load, max. 	10 Hz
<ul style="list-style-type: none"> • with inductive load, max. 	0.5 Hz
<ul style="list-style-type: none"> • on lamp load, max. 	1 Hz
Total current of the outputs	
<ul style="list-style-type: none"> • Current per module, max. 	2 A; note derating data in the manual
Cable length	
<ul style="list-style-type: none"> • shielded, max. 	1 000 m
<ul style="list-style-type: none"> • unshielded, max. 	600 m
Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnostics indication LED	
<ul style="list-style-type: none"> • Status indicator digital output (green) 	Yes
Parameter	
Remark	3 byte
Response to CPU/master STOP	Substitute a value/keep last value, 0/1
Potential separation	
Potential separation digital outputs	
<ul style="list-style-type: none"> • between the channels 	No
<ul style="list-style-type: none"> • between the channels and backplane bus 	Yes
Isolation	
Isolation tested with	2 500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	37 g
last modified:	2/9/2021 