



SIMATIC DP,
1 ELECTRON. MODULE FOR ET 200S,
8 DO DC24V/0,5A, 15 MM WIDTH,
1 PIECE PER PACKAGING UNIT

Supply voltage	
Reverse voltage protection	Ja
Load voltage L+	
Rated value (DC)	24 V
Reverse polarity protection	Ja
Input current	
from load voltage L+ (without load), max.	5 mA
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Werkelijk vermogensverlies / typisch	1,5 W
Address area	
Address space per module	
without packing	1 byte
Digital outputs	
Aantal van de digitale uitgangen	8
Short-circuit protection	Ja
Controlling a digital input	Ja
Switching capacity of the outputs	

Lamp load, max.	5 W
Load resistance range	
lower limit	48 Ω
upper limit	3400 Ω
Output current	
Uitgangsstroom / aan de digitale uitgang / bij signaal <1> / nominale waarde	0,5 A
for signal "1" permissible range for 0 to 60 °C, min.	7 mA
for signal "1" permissible range for 0 to 60 °C, max.	600 mA
Reststroom / aan de digitale uitgang / bij signaal <0> / maximaal	0,3 mA
Output delay with resistive load	
"0" to "1", max.	300 μ s
"1" to "0", max.	600 μ s
Parallel switching of 2 outputs	
for uprating	Nee
for redundant control of a load	Ja
Switching frequency	
with resistive load, max.	100 Hz
with inductive load, max.	2 Hz
on lamp load, max.	10 Hz
Total current of the outputs (per group)	
all mounting positions	
up to 60 °C, max.	4 A
Cable length	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
Isochronous mode	
Isochronous mode (application synchronized up to terminal)	Ja
Interrupts/diagnostics/status information	
Diagnostic messages	
Productfunctie / diagnosefunctie	Nee
Diagnostics indication LED	
Status indicator digital output (green)	Ja
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels	Nee
between the channels and the backplane bus	Ja
Dimensions	

Breedte	15 mm
Hoogte	81 mm
Diepte	52 mm
Weights	
Weight, approx.	40 g
Status	14-jul-2014