

SIEMENS

Product data sheet

6ES7132-4BF50-0AA0


SIMATIC DP,
1 ELECTRON. MODULES FOR ET 200S,
8 DO SINK OUTPUT, DC24V/0,5A,
15 MM WIDTH, 1 PIECES PER PACKAGING UNIT

Supply voltage

Reverse voltage protection	Yes ; when using the same correctly polarized load voltage as on the power module
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Load voltage L+

Rated value (DC)	24 V ; From power module
Reverse polarity protection	Yes

Input current

from load voltage L+ (without load), max.	5 mA
from backplane bus 3.3 V DC, max.	10 mA

Power losses

Power loss, typ.	1.5 W
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Address area

Address space per module

without packing	1 byte
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Digital outputs

Number/binary outputs	8
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Functionality/short-circuit strength	Yes ; Per channel
Response threshold, typ.	1.5 A
Limitation of inductive shutdown voltage to	Typ. 47 V
Lamp load, max.	5 W
Controlling a digital input	Yes
Load resistance range	
lower limit	48 Ω
upper limit	3400 Ω
Output voltage	
for signal "1", min.	Max. 1 V
Output current	
for signal "1" rated value	0.5 A
for signal "1" permissible range for 0 to 60 °C, min.	5 mA
for signal "1" permissible range for 0 to 60 °C, max.	700 mA
for signal "0" residual current, max.	5 μ A
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 increased power	No
for redundant control of a load	Yes ; per module
Switching frequency	
with resistive load, max.	100 Hz
with inductive load, max.	0.5 Hz
on lamp load, max.	10 Hz
Aggregate current of 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 operation (application synchronized up to terminal)	Yes
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	No
Diagnostics indication LED	
Status indicator digital output (green)	Yes
Parameter	
Remark	3 bytes
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels	No
between the channels and the backplane bus	Yes
Isolation	
Isolation checked with	500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weight	
Weight, approx.	40 g
Status	Jul 24, 2012