

SIEMENS

Product data sheet

6ES7132-6BF00-0BA0


SIMATIC ET 200SP,
DIGITAL OUTPUT MODULE,
DQ 8X24VDC/0,5A STANDARD,
FITS TO BU-TYPE A0, COLOR CODE CC02,
MODULE DIAGNOSIS

General information	
I&M data	Yes
Engineering with	
	as of V11.0 SP2 with HSP0024 / -
STEP 7 can be configured/integrated as of version	V5.5 SP2 or higher with a GSD file / -
Supply voltage	
Rated voltage/DC	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes
Input current	
Current consumption, max.	35 mA ; without load
Power losses	
Power loss, typ.	1 W
Address area	

Address space per module	
Address space per module, max.	1 byte
Digital outputs	
Number/binary outputs	8
Functionality/short-circuit strength	Yes
Response threshold, typ.	0.7 to 1.3 A
Limitation of inductive shutdown voltage to	Typ. L+ (-50 V)
Switching capacity of the outputs	
with resistive load, max.	0.5 A
on lamp load, max.	5 W
Controlling a digital input	Yes
Load resistance range	
lower limit	48 Ω
upper limit	12 k Ω
Output current	
for signal "1" rated value	0.5 A
for signal "0" residual current, max.	0.1 mA
Output delay with resistive load	
"0" to "1", max.	50 μ s
"1" to "0", max.	100 μ s
Parallel switching of 2 outputs	
for increased power	No
for redundant control of a load	Yes
Switching frequency	
with resistive load, max.	100 Hz
with inductive load, max.	2 Hz
on lamp load, max.	10 Hz
Aggregate current of the outputs	
Max. current per module	4 A
Cable length	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	200 m
Isochronous mode	

Isochronous operation (application synchronized up to terminal)	Yes
Jitter, max.	100 µs
Interrupts/diagnostics/status information	
Substitute values connectable	Yes
Alarms	
Diagnostic alarm	Yes
Diagnostic messages	
Monitoring the supply voltage	Yes
Wire break	Yes
Short circuit	Yes
Diagnostics indication LED	
Monitoring the supply voltage	Yes ; green PWR LED
Channel status display	Yes ; Green LED
for module diagnostics	Yes ; green/red DIAG LED
Galvanic isolation	
Electrical isolation channels	
between the channels	No
between the channels and the backplane bus	Yes
Permissible potential difference	
between different circuits	75 VDC / 60 VAC
Isolation	
Isolation checked with	707 V DC
Ambient conditions	
Operating temperature	
vertical installation, min.	0 °C
vertical installation, max.	50 °C
horizontal installation, min.	0 °C
horizontal installation, max.	60 °C
Dimensions	
Width	15 mm
Weight	
Weight, approx.	28 g
Status	Aug 27, 2012