

SIEMENS

Product data sheet

6ES7132-4FB01-0AB0


SIMATIC DP,
5 ELECTRON. MODULES FOR ET 200S,
2 DO 24...230V AC,
15 MM WIDTH 5 PIECES PER PACKAGING UNIT

Supply voltage

Reverse voltage protection	Yes ; when using the same load voltage as on the power module
----------------------------	---

Load voltage L+

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

Input current

from load voltage L+ (without load), max.	30 mA
from backplane bus 3.3 V DC, max.	18 mA

Power losses

Power loss, typ.	4 W
------------------	-----

Address area

Address space per module

with packing	2 bit
without packing	1 byte

Digital outputs

Number/binary outputs	2
Functionality/short-circuit strength	Yes ; via fuse in power module
Limitation of inductive shutdown voltage to	-55 to -60 V
Lamp load, max.	100 W
Controlling a digital input	Yes ; possible
Output voltage	
for signal "1", min.	L+ (-1.5 V)
Output current	
for signal "1" rated value	2 A
for signal "1" permissible range for 0 to 60 °C, min.	0.1 mA
for signal "1" permissible range for 0 to 60 °C, max.	2.2 A
for signal "0" residual current, max.	3 mA
Output delay with resistive load	
"0" to "1", max.	15 ms
"1" to "0", max.	15 ms
Parallel switching of 2 outputs	
for increased power	No
for redundant control of a load	Yes ; per module
Switching frequency	
with resistive load, max.	10 Hz
with inductive load, max.	0.5 Hz
on lamp load, max.	1 Hz
Aggregate current of outputs (per group)	
all mounting positions	
up to 40 °C, max.	2 A
up to 50 °C, max.	1.5 A
up to 60 °C, max.	1 A
Cable length	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostic functions	No

Diagnostics indication LED	
Status indicator digital output (green)	Yes
Parameter	
Remark	3 bytes
Behavior on CPU/Master STOP, channel-wise	Substitute a value/keep last value, 0/1
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels	No
between the channels and the backplane bus	Yes
Isolation	
Isolation checked with	2500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weight	
Weight, approx.	37 g
Status	Jul 24, 2012