

SIEMENS

Product data sheet

6ES7132-7RD11-0AB0


SIMATIC DP,
ELECT. SUBMODULE FOR ET 200ISP, 4 DO,
DC 17,4V/27MA, "H"-SHUT DOWN

Input current	
from load voltage L+ (without load), max.	300 mA
from backplane bus 3.3 V DC, max.	10 mA
Power losses	
Power loss, typ.	2.1 W
Address area	
Address space per module	
without packing	2 byte
Digital outputs	
Number/binary outputs	4 ; additionally 1 intrinsically-safe input for H shutdown
Functionality/short-circuit strength	Yes
No-load voltage U _{ao} (DC)	17.4 V
Internal resistor R _i	150 Ω
Trend key points E	
Voltage U _e (DC)	13.2 V

Current I _e	27 mA
Output current	
for signal "1" rated value	0.03 A
Output delay with resistive load	
"0" to "1", max.	2 ms
"1" to "0", max.	1.5 ms
Parallel switching of 2 outputs	
for increased power	Yes
Switching frequency	
with resistive load, max.	100 Hz
with inductive load, max.	2 Hz
Cable length	
Cable length, shielded, max.	500 m
Cable length unshielded, max.	500 m
Interrupts/diagnostics/status information	
Alarms	
Alarms	No
Diagnostic alarm	Yes
Diagnostic messages	
Diagnostic functions	Yes
Diagnostic information readable	Yes
Wire break	Yes
Short circuit	Yes
Diagnostics indication LED	
Group error SF (red)	Yes
Status indicator digital output (green)	Yes
Parameter	
Remark	14 bytes
Diagnosis: wire break	Yes
Diagnosis: short circuit	Yes
Behavior on CPU/Master STOP, channel-wise	Yes
Ex(i) characteristics	
Max. values of output circuits (per channel)	

Ta (permissible ambient temperature), max.	70 °C
Standards, approvals, certificates	
CE mark	Yes
Use in hazardous areas	
Type of protection acc. to EN 50020 (CENELEC)	II2 G (1) GD Ex ib[ia] IIC T4 and I M2 Ex ib[ia] I
Type of protection acc. to KEMA	Not relevant
Dimensions	
Width	30 mm
Height	129 mm
Depth	136.5 mm
Weight	
Weight, approx.	255 g
Status	Jul 17, 2012