

SIEMENS

Product data sheet

6ES7338-4BC01-0AB0


SIMATIC S7-300,
SIGNAL. MODULE FOR 3 SSI SENSORS FOR READ
-IN OF POSITIONING VALUE WITH 2 FREEZE
INPUTS ,
1 X 20 PIN, SUPPORTS ISOCHRON MODE

Supply voltage	
Load voltage L+	
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
from load voltage L+ (without load), max.	10 mA
from backplane bus 5 V DC, max.	160 mA
Encoder supply	
24 V encoder supply	
24 V	Yes ; L+ (-0.8 V)
Output current, max.	900 mA
Power losses	
Power loss, typ.	3 W
Digital inputs	

Input voltage	
Type of voltage / of the input voltage	
for signal "0"	-3 to +5 V
for signal "1"	11 to 30.2 V
Input current	
for signal "0", max. (permissible quiescent current)	2 mA
for signal "1", typ.	9 mA
Input delay (for rated value of input voltage)	
for standard inputs	
at "0" to "1", min.	300 µs
Cable length	
Cable length, shielded, max.	600 m
Encoder	
Number of connectable encoders, max.	3
Connectable encoders	
Absolute encoder (SSI)	Yes
2-wire BEROs	Yes
Encoder signals, absolute encoder (SSI)	
Cable length, shielded, max.	320 m ; 320 m at 125 kHz; 160 m at 250 kHz; 60 m at 500 kHz; 20 m at 1 MHz
Interrupts/diagnostics/status information	
Alarms	
Diagnostic alarm	Yes
Galvanic isolation	
Galvanic isolation	No
Connection method	
required front connector	20-pin
Dimensions	
Width	40 mm
Height	125 mm
Depth	120 mm
Weight	
Weight, approx.	235 g
Status	Sep 10, 2011