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Find the *Siemens IM151-1 FO Standard* at our website: *Click HERE*

SIEMENS

Product data sheet 6ES7151-1AB05-0AB0



SIMATIC DP,
INTERFACE MODULE IM151-1 FO FOR ET200S;
TRANSMISS. RATE UP TO 12MBIT/S;
DATA VOLUME 244 BYTE FOR EACH INPUT AND OUTPUT;
MAX. OF 63 POWER,
ELECTR. OR MOTOR STARTER MODULES CONNECTABLE;
BUS INTERFACING VIA INTEGR. FO INTERFACE INCL. TERMINATING MODULE

General information	
Vendor identification (VendorID)	806Bh
Supply voltage	
Mains buffering	
Mains buffering, min.	20 ms
Input current	
from supply voltage 1L+, max.	200 mA
Output current	
Current output to backplane bus (DC 5 V), max.	700 mA
Power losses	
Power loss, typ.	3.3 W
Address area	
Addressing volume	
Outputs	244 byte
Inputs	244 byte

subject to modifications
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Interfaces	
Interface physics, FOC	Yes ; 4 x Simplex socket
PROFIBUS DP	
Cable length, max.	2 m
Transmission rate, max.	12 Mbit/s ; 9.6 / 19.2 / 45.45 / 93.75 / 187.5 / 500 Kbit/s; 1.5 / 12 Mbit/s
SYNC capability	Yes
FREECE capability	Yes
Direct data exchange (slave-to-slave communication)	Yes
Protocols	
PROFIBUS DP protocol	Yes
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	No
Interrupts/diagnostics/status information	
Alarms	
Alarms	Yes
Diagnostic messages	
Diagnostic functions	Yes
Diagnostics indication LED	
Bus fault BF (red)	Yes
Group error SF (red)	Yes
Monitoring 24 V voltage supply ON (green)	Yes
Galvanic isolation	
between backplane bus and electronics	No
between supply voltage and electronics	No
Permissible potential difference	
between different circuits	500 V DC
Isolation	
Isolation checked with	57 V DC / 60 V AC
Dimensions	
Width	45 mm
Height	119.5 mm

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Depth	75 mm
Weight	
Weight, approx.	150 g
Status	Jul 17, 2012

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