



SIMATIC DP, INTERFACE MODULE IM151-1 HIGH FEATURE F. ET200S; TRANSMISS. RATE UP TO 12MBIT/S; DATA VOLUMEN 244 BYTE FOR I/O, MAX. 63 MODULES CONNECTABLE; ISOCHRONONE MODE, BUS INTERFACING VIA 9-WAY SUB-D CONNECTOR, INCL. TERMINATING MODULE

Figure similar

Supply voltage	
Mains buffering	
• Mains/voltage failure stored energy time	20 ms
Input current	
from supply voltage 1L+, max.	200 mA
Power losses	
Power loss, typ.	3.3 W
Address area	
Addressing volume	
• Inputs	244 byte
• Outputs	244 byte
Interfaces	
Interface physics, RS 485	Yes
PROFIBUS DP	
• Transmission rate, max.	12 Mbit/s
• SYNC capability	Yes
• FREEZE capability	Yes
• Direct data exchange (slave-to-slave communication)	Yes
Protocols	
PROFIBUS DP	Yes
Isochronous mode	

Isochronous operation (application synchronized up to terminal)	Yes
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 electronic block and PROFIBUS DP	Yes
between supply voltage and electronics	No
Permissible potential difference	
between different circuits	75V DC/60V AC
Isolation	
Isolation checked with	500 V DC
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
Ambient conditions	
Ambient temperature in operation	
• Min.	0 °C
• max.	60 °C
Dimensions	
Width	45 mm
Height	119.5 mm
Depth	75 mm
Weights	
Weight, approx.	150 g
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