

SIEMENS

Product data sheet

6ES7152-1AA00-0AB0


SIMATIC DP,
INTERFACE MODULE IM152-1 FOR ET200ISP,
FOR STANDARD AND REDUNDANT OPERATION

General information

Vendor identification (VendorID) 8110H

Supply voltage

Mains buffering

Mains buffering, min. f

Input current

from supply voltage 1L+, max. 30 mA

Power losses

Power loss, typ. 0.5 W

Time stamping

Description for each digital input, digital input module, total ET 200iS

Accuracy 20 ms

Number of stampable digital inputs, max. 64 ; for accuracy class 20 ms

Time format RFC 1119 Internet (ISP)

Time resolution 1 ms

Time interval for transmitting the message buffer if a message is present	1000 ms
Time stamp on signal change	rising / falling edge as signal entering or exiting
Interfaces	
Interface physics, RS 485	Yes ; (intrinsically safe)
PROFIBUS DP	
Transmission rate, max.	1.5 Mbit/s ; 9.6 / 19.2 / 45.45 / 93.75 / 187.5 / 500 Kbit/s
SYNC capability	Yes
FREECE capability	Yes
Direct data exchange (slave-to-slave communication)	Yes ; Slave to slave as publisher
Protocols	
PROFIBUS DP protocol	Yes
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	No
Interrupts/diagnostics/status information	
Alarms	
Alarms	Yes
Acyclic function, interrupts	Yes
Acyclic function, parameters	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 supply voltage and electronics	Yes
Standards, approvals, certificates	
CE mark	Yes
Use in hazardous areas	
Type of protection acc. to EN 50020 (CENELEC)	II2 G Ex ib IIC T4 and I M2 Ex ib I

Type of protection acc. to KEMA	04 ATEX 1243
Dimensions	
Width	30 mm
Height	129 mm
Depth	136.5 mm
Weight	
Weight, approx.	245 g
Status	Jul 17, 2012