

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



General information	
Vendor identification (VendorID)	8110H
Input current	
from supply voltage L+, max.	30 mA
Power loss	
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	1 000 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
• FREEZE capability	Yes
• Direct data exchange (slave-to-slave communication)	Yes; Slave to slave as publisher

Protocols

PROFIBUS DP	Yes
-------------	-----

Protocols (Ethernet)

• TCP/IP	No
----------	----

Isochronous mode

Isochronous operation (application synchronized up to terminal)	No
---	----

Interrupts/diagnostics/status information

Alarms	Yes
--------	-----

Diagnostic functions	Yes
----------------------	-----

Alarms

• acyclic function, interrupts	Yes
• acyclic function, parameters	Yes

Diagnostics indication LED

• Bus fault BF (red)	Yes
• Group error SF (red)	Yes
• Monitoring 24 V voltage supply ON (green)	Yes

Potential separation

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

Weights

Weight, approx.	245 g
-----------------	-------

last modified: 03/11/2017