

SIEMENS

Product data sheet

6ES7153-4AA01-0XB0


SIMATIC DP,
ET 200M INTERFACE IM 153-4 PN IO FOR MAX. 12
S7-300 MODULES,
EXTENDED FUNCTIONS: ISOCHRONEOUS
REALTIME COMMUNICATION CLASS 1 AND 2,
MODULE EXCHANGE W/O PG,
OPERATION W/O MMC,
MAINTENANCE NEW IO MODULES ARE
SUPPORTED

General information

Vendor identification (VendorID)	002AH
Device identifier (DeviceID)	0302H

Supply voltage

24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
permissible range (ripple included), lower limit (DC)	20.4 V
permissible range (ripple included), upper limit (DC)	28.8 V
External protection for supply cables (recommendation)	In a construction with grounded reference potential, a fuse is necessary for redundant interface modules (Recommendation: 2.5 A)

Mains buffering

Mains/voltage failure stored energy time	5 ms
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Input current

Current consumption, max.	600 mA
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Inrush current, typ.	4 A
I^2t	0.09 A ² ·s
Output voltage	
Rated value, 5 V DC	Yes
Output current	
for backplane bus (5 V DC), max.	1.5 A
Power losses	
Power loss, typ.	6 W ; Typical
Address area	
Addressing volume	
Outputs	192 byte
Inputs	192 byte
Hardware configuration	
Number of modules per DP slave interface, max.	12
Communication functions	
Bus protocol/transmission protocol	PN IO
Interrupts/diagnostics/status information	
Diagnostics indication LED	
Connection to network LINK (green)	Yes
Transmit/receive RX/TX (yellow)	Yes
Isolation	
Isolation checked with	500 V DC
Degree and class of protection	
IP20	Yes
Ambient conditions	
Operating temperature	
Min.	0 °C
max.	60 °C
Air pressure	
Operating altitude above sea level, max.	2000 m
Dimensions	
Width	40 mm
Height	125 mm

Depth	118 mm
Weight	
Weight, approx.	215 g ; approx.
Status	Jul 17, 2012