



Figure similar

SIMATIC DP, ET 200M INTERFACE IM 153-4 PN IO FOR MAX. 12 S7-300 MODULES, EXTENDED FUNCTIONS: ISOCHRONOUS 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	
Rated value (DC)	Yes
<ul style="list-style-type: none"> 24 V DC 	
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	
<ul style="list-style-type: none"> Mains/voltage failure stored energy time 	5 ms
Input current	
Current consumption, max.	600 mA
Inrush current, typ.	4 A
I^2t	0.09 A ² ·s
Output voltage	
Rated value (DC)	5 V
Output current	
for backplane bus (5 V DC), max.	1.5 A

Power losses	
Power loss, typ.	6 W; Typical
Address area	
Addressing volume	
• Inputs	192 byte
• Outputs	192 byte
Hardware configuration	
Number of modules per DP slave interface, max.	12
Protocols	
Bus protocol/transmission protocol	PROFINET 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	
Degree of protection to EN 60529	
• IP20	Yes
Ambient conditions	
Ambient temperature in operation	
• Min.	0 °C
• max.	60 °C
Air pressure acc. to IEC 60068-2-13	
• Operating altitude above sea level, max.	2 000 m
Dimensions	
Width	40 mm
Height	125 mm
Depth	118 mm
Weights	
Weight, approx.	215 g
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