



SIPLUS ET200M IM 153-4 PN IO -25 ... +70 DEGREES C
WITH CONFORMAL COATING BASED ON 6ES7153-
4AA01-0XB0 . 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 power supply lines (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 buffering time	5 ms
Input current	
Current consumption, max.	600 mA
Inrush current, typ.	4 A
I ² t	0.09 A ² ·s
Output voltage	

Rated value (DC)	5 V
Rated value, 5 V DC	Yes
Output current	
for backplane bus (5 V DC), max.	1.5 A
Power loss	
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
Interrupts/diagnostics/status information	
Diagnostics indication LED	
Connection to network LINK (green)	Yes
Transmit/receive RX/TX (yellow)	Yes
Isolation	
Isolation tested with	500 V DC
Degree and class of protection	
IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
KC approval	Yes
UL approval	Yes ; File E239877
RCM (former C-TICK)	Yes
FM approval	Yes ; CofC 3028431
EAC (former Gost-R)	Yes
Ambient conditions	
Operating temperature	
min.	-25 °C ; = Tmin
max.	70 °C ; = Tmax; 60 °C @ UL/cUL, ATEX and FM use
Extended ambient conditions	
relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity	
with condensation, tested in accordance with IEC 60068 -2-38, maximum	100 % ; RH incl. condensation/frost (no commissioning under condensation conditions)
Resistance	

to biologically active substances/conformity with EN 60721-3-3	Yes ; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
to chemically active substances/conformity with EN 60721-3-3	Yes ; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!
to mechanically active substances/conformity with EN 60721-3-3	Yes ; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!
Dimensions	
Width	40 mm
Height	125 mm
Depth	118 mm
Weights	
Weight, approx.	215 g ; approx.
Status	Jul 24, 2014