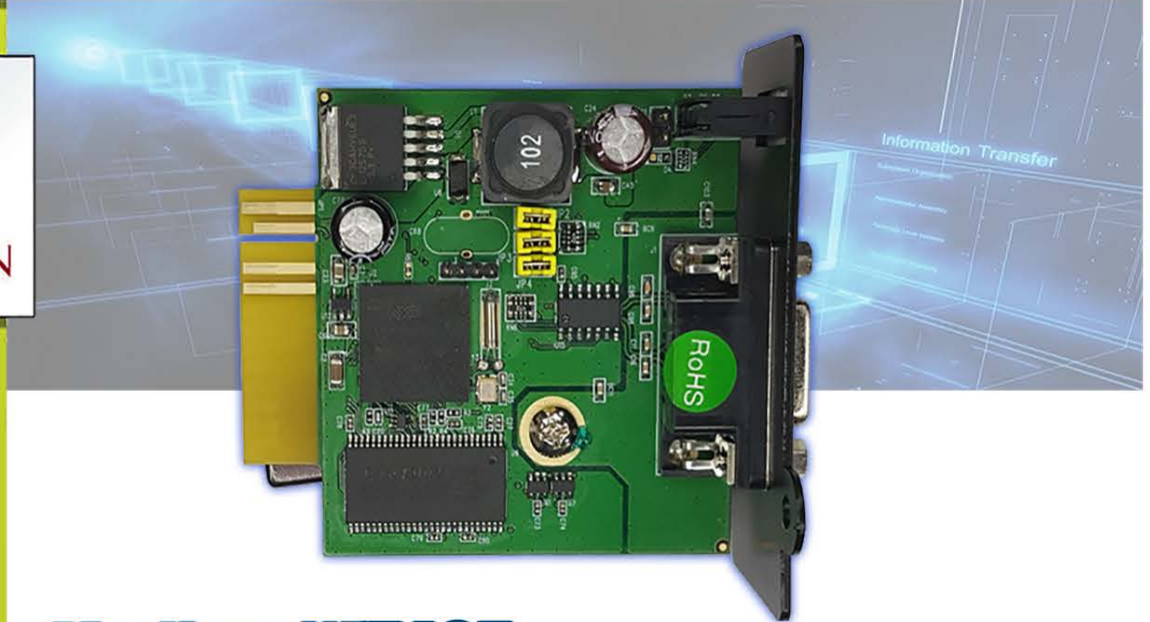


WE GO THE D I S T A N C E FOR YOU



Modbus NET485 for DIN Rail UPS

Part Number: DMOD-EXTL-01

AN INTELLIGENT, INDUSTRIAL COMMUNICATION INTERFACE

General Specifications	
CPU	ARM 266MHz 32Bit
System Clock	208MHz
Flash Memory	4M Byte
SDRAM	16M Byte
LED	5
Watch Dog	Yes
Modem Port	No
Environment Port	No
Real Time Clock	No
LCD Display	No
LAN Interface	10M/100M UTP
Ethernet Throughput	1620K Byte per seconds
Ethernet Latency	0.759 milliseconds

NET485 Internal Card	
Dimensions	75.79mm(L) x 68.4mm(W) x 43mm(H)
Weight	54g±2g

EMI	
FCC Class B, CE	

Power Specifications		
Item	Minimum	Maximum
DC Input Voltage	+5.3V	+40V
DC Input Current		3W Maximum

Pin Assignment		
Pin	Input/Output	Description
P1 GND	GND	Ground PIN
P2 Power In	Input	DC power input.
P3 RS232_TXD	Output	+5.5V and -5.5V Voltage level for RS232
P4 RS232_RXD	Input	-3V to -15V for logic '1', +3V to +15V for logic '0'
P5-P7 No USE		
P8 SNMPSIG		NET485 card plug in detect, connect to PIN 10
P9 GND	GND	Ground PIN
P10 SNMPSIG		NET485 card plug in detect, connect to PIN 8
P11-P26 No Use		

Signal Specifications – Receiver Inputs				
Parameter	Conditions	MIN	TYP	MAX
Input Voltage Range		-25V		+25 V
Input Threshold Low	TA = +25°C	+0.6V	+1.2V	
Input Threshold High	TA = +25°C		+1.5V	+2.4V
Input Hysteresis			0.3 V	
Input Resistance	TA = +25°C	3 k ohm	5 k ohm	7k ohm

Transmitter Outputs				
Parameter	Conditions	MIN	TYP	MAX
Output Voltage Swing	All transmitter outputs loaded with 3k ohm to ground	±5.0V	±5.4V	
Output Resistance	TA = +25°C	300	10M	
Output Short-Circuit Current			±35 mA	±60 mA

Environment Specifications			
Parameter	Conditions	Minimum	Maximum
Operating Temperature		0 °C	50 °C
Storage Temperature		-20 °C	55 °C
Operating Humidity	Non-Condensing	5% RH	95% RH
Storage Humidity	Non-Condensing	0% RH	95% RH

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