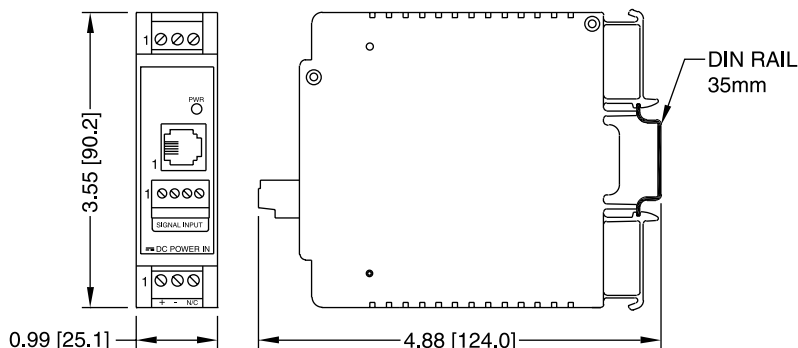# NEWPORT®
iDRN-PS-1000
Switching Power Supply

☛ **24 Vdc Supply for iDRN/iDRX Modules**
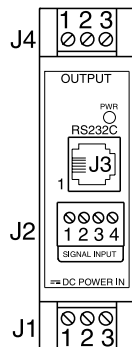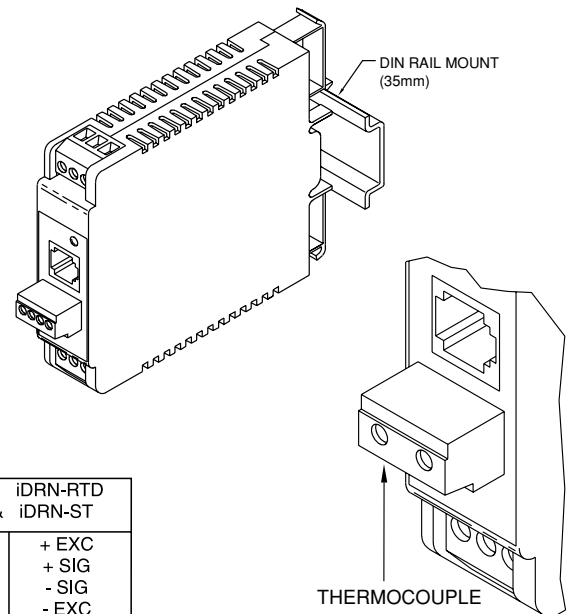☛ **iDRN-PS-1000 Switching Supply Powers up to 7 Units**

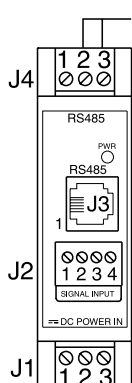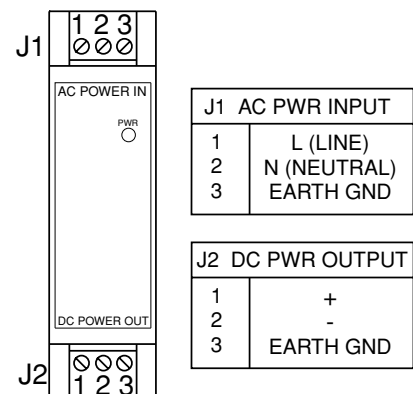| Model No.	Price	Description
iDRN-PS-1000	150	Power Supply (switching), 95 to 240 Vac input, 24 Vdc output @ 850 mA (power 7 units)
SOFTWARE		
OPC-SERVER LICENSE	295	OPC Server for Signal Conditioners
iDRX-RS485-SW	Free	Active X Controls and Configuration Software/iDRX Windows 95/98/NT/XP. Free Sample Visual Basic App Source Code.
iDRN-RS232-SW	Free	Active X Controls and Configuration Software/iDRN Windows 95/98/NT. Free Sample Visual Basic App Source Code.
-FS	Free	Factory setup and scaling
ACCESSORIES		
CAT-285	148	Bi-directional RS-232-R3-485 converter for DRX series
DB9-RJ12	30	DB9 to RJ12 Connector Adapter, includes 7ft. RJ12 cord
DB25-RJ12	30	DB25 to RJ12 Connector Adapter, includes 7ft. RJ12 cord
RJ12T	15	RJ12"T" Split Connector for RS-485 instruments, includes 7 ft. RJ12 cord

$**150**
iDRN-PS-1000

3.55 [90.2]
0.99 [25.1]
4.88 [124.0]

DIN RAIL 35mm

DIN RAIL MOUNT (35mm)

THERMOCOUPLE

NOTE: DIMENSIONS ARE IN INCHES WITH MILLIMETERS IN [ ].

iDRN CONNECTIONS

J4
OUTPUT
PWR
RS232C
J3
J2
SIGNAL INPUT
DC POWER IN
J1

J4 iDRN OUTPUT	
1	V (VOLT)
2	I (CURR)
3	↓ (RTN)

J2 iDRN-ACC	
1	RETURN
2	5A
3	1A
4	<100mA

J2 iDRN-FP	
1	+ EXC
2	+ INPUT
3	RESET
4	RTN

J2 iDRN-RTD & iDRN-ST	
1	+ EXC
2	+ SIG
3	- SIG
4	- EXC

J1 iDRN DC PWR IN	
1	+
2	-
3	N/C

J2 iDRN-ACV	
1	SIG HI
2	N/C
3	N/C
4	SIG LO

J2 iDRN-PR	
1	+ EXC
2	+ V IN
3	+ I IN
4	RTN

J2 iDRN-TC	
1	+TC
2	-TC

iDRX CONNECTIONS

PLACE JUMPER TO ENABLE TERMINATION

J4
RS485
PWR
RS485
J3
J2
SIGNAL INPUT
DC POWER IN
J1

J4 iDRX RS485	
1	- TX / - RX
2	+TX / +RX
3	TER

J2 iDRX-ACC	
1	RETURN
2	5A
3	1A
4	<100mA

J2 iDRX-FP	
1	+ EXC
2	+ INPUT
3	RESET
4	RTN

J2 iDRX-RTD & iDRX-ST	
1	+ EXC
2	+ SIG
3	- SIG
4	- EXC

J1 iDRX DC PWR IN	
1	+
2	-
3	N/C

J2 iDRX-ACV	
1	SIG HI
2	N/C
3	N/C
4	SIG LO

J2 iDRX-PR	
1	+ EXC
2	+ V IN
3	+ I IN
4	RTN

J2 iDRX-TC	
1	+TC
2	-TC

iDRN-PS-1000 CONNECTIONS

J1
AC POWER IN
PWR
DC POWER OUT
J2

J1 AC PWR INPUT	
1	L (LINE)
2	N (NEUTRAL)
3	EARTH GND

J2 DC PWR OUTPUT	
1	+
2	-
3	EARTH GND

1