CCX-1360
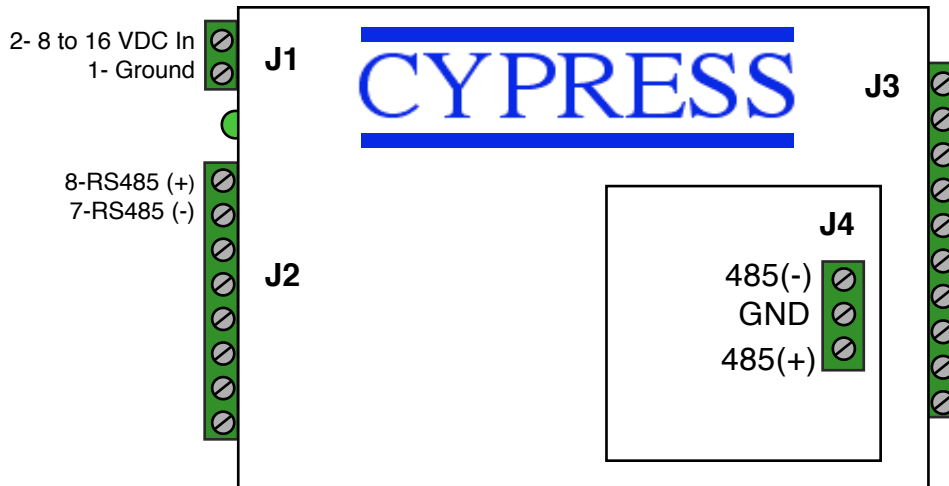## Specification Sheet
Cypress Clock Data Converter

The CCX-1360 is a conversion device capable of translating Mercury Protocol to the Cypress 3104 Clock protocol

J1 Connections

1 - Ground	Power IN
2 - 8 to 16 VDC	Power IN

J2 Connections

7-RS485(-)	Mercury Time Data IN
8-RS485(+)	Mercury Time Data IN

J4 Connections

485(-)	Cypress Clock Data OUT
Ground	Common Ground
485(+)	Cypress Clock Data OUT

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CYPRESS

DC Power Supply

(+)
(-)

Data To Clock

485(-)
GND
485(+)

Data From Panel

Access Panel

Cypress 3104 4" Clock
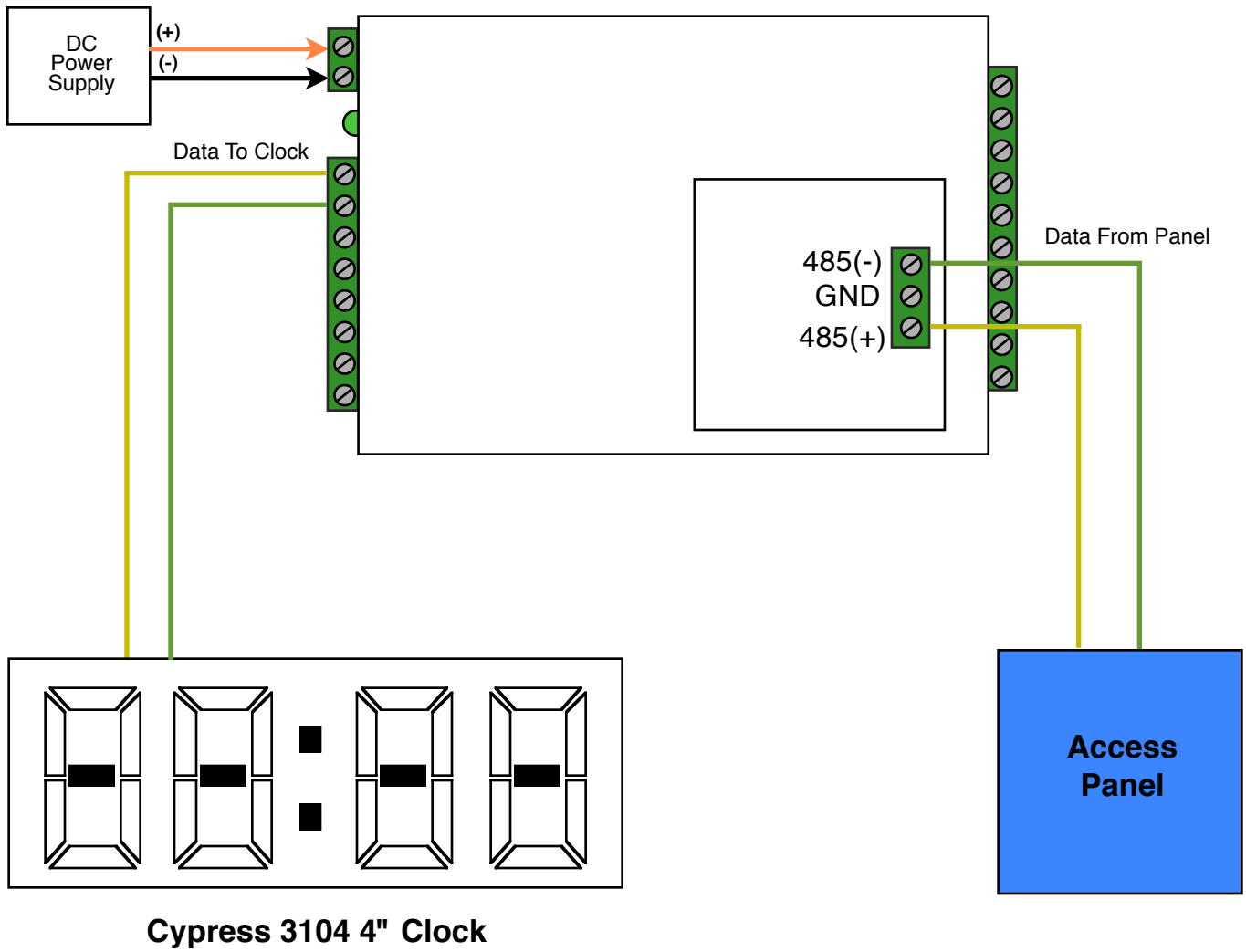
DIP Switch Application Table

#	1	2	3	4	5	6	7	8	INPUT Interface	INPUT Format	OUTPUT Interface	OUTPUT Format
0									Reserved			
1	X								RS-485	Mercury Protocol 1	RS-485	CCX-3104 Clock
2		X							RS-485	Mercury Protocol 2	RS-485	CCX-3104 Clock
3	X	X							RS-485	Nexwatch Protocol 1	RS-485	CCX-3104 Clock
4			X						RS-485	Nexwatch Protocol 2	RS-485	CCX-3104 Clock
5	X		X									
6		X	X									
7	X	X	X									
8				X								
9	X			X								
10		X		X								
11	X	X		X								
12			X	X								
13	X		X	X								
14		X	X	X								
15	X	X	X	X								
16					X							

Electrical and Environmental Specifications
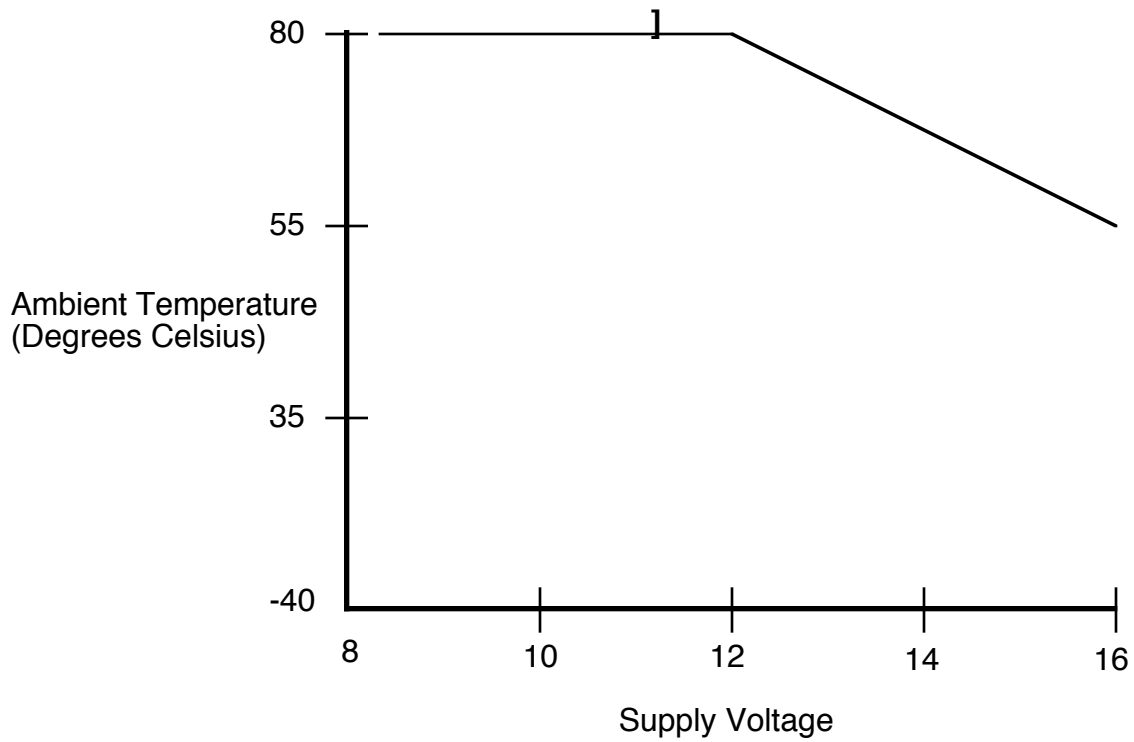
Temperature/Voltage de-rating curve

The CCX-1350 units should be operated with a filtered 12 Volt nominal DC supply. Any voltage between 8 and 16 volts can be utilized by following the temperature /voltage derating curve.   Voltage should not exceed 16 VDC under normal operating conditions.