

SOMAT[®] XR**1-NTX003-2**

24-Volt Power Supply

Special Features

- Provides 24 volts DC from a standard 120/240-volt AC input
- Protection for short circuit, overload, over voltage and over temperature
- Power LED indicator
- 3-meter overall cable length



For use with

SomatXR Ultra-Rugged DAQ**SomatXR Features**

- Rugged, mobile data acquisition in a flexible, modular system
- Waterproof, dustproof, shockproof, vibrationproof
- Ultra-rugged: IP65/IP67, MIL202
- Wide thermal range: -40 to 80 °C
- Secure and efficient storage of measurement data
- Accessible from anywhere through the CX23-R web interface

**NOTE**

The 1-NTX003-2 is intended for residential, commercial and light industrial use only.

Specifications

General Specifications ¹⁾		
Dimensions	-	-
width	mm	62.2
length	mm	192
height	mm	38.7
Weight	kg	0.70
Temperature range	°C	0 ... 60 full load to 40 °C, derate linearly to 50% load and 60 °C
Relative humidity range, non-condensing	%	5 ... 95
Output	-	-
DC voltage	V	24
rated current	A	5
rated power	W	120
ripple and noise (maximum)	%pk-pk	< 1
Input	-	-
voltage range	V _{AC}	100 ... 240
frequency	Hz	47, 63
current (ms)	A	< 2
inrush current (at 230 V _{AC} , cold start)	A	< 37
Protection	-	-
over voltage	%	110 ... 135
over current	%	120 ... 180
over temperature	-	active, recoverable; and passive, non-recoverable
short circuit	-	shutdown, auto restart (hiccup mode)
Standards		
2006/95/EC (low voltage directive)	-	UL60950-1:2007, 2nd edition R12.11 CAN/CSA-22.2 No. 60950-1-07+A1:2011 EN60950-1:2006+A11+A1+A12
2004/108/EC (EMC directive)	-	EN60601-1-2:2006 EN55022:2010+AC:2011 EN55024:2010 level B conducted and radiated emissions EN61000-3-2, EN61000-3-3 EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11

¹⁾ Due to supply variability, specifications represent worse case parameters. The shipped supply may be smaller or more powerful than the listed specifications but will not exceed these specifications.



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