Conext ComBox for Freedom SW

COMMUNICATION DEVICE

xantrex™
Smart choice for power™

A powerful communications and monitoring device for installers and operators from Schneider Electric

App from Google Play
Click here or scan QR code to download!
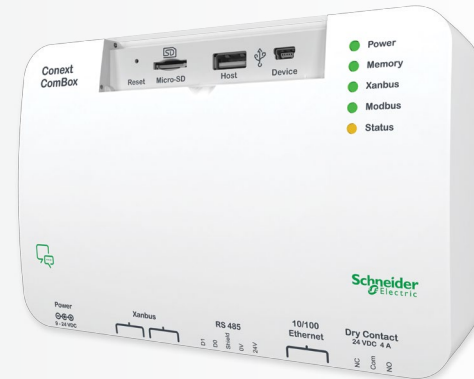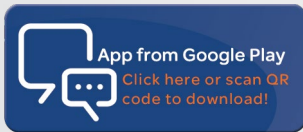
The Conext ComBox for Freedom SW features an integrated web server, enabling graphical displays of system daily, monthly and lifetime energy data to be viewed using a simple web browser or Android™ mobile device. Installers can change or configure the settings of Xanbus devices through the user-interface on the ComBox. A user-configurable data logger and integrated FTP server provides a system owner with powerful analytics tool for data download and analysis. Conext ComBox for Freedom SW is compatible with Xanbus™ protocol devices. For large systems, the ComBox can be setup in a master-slave configuration to monitor multiple separate Xanbus networks and supported Modbus devices.

Product Features

» Customizable home screen tailored to your specific system setup
» Multiple visualization options - bar charts or line graphs
» Retrieve data logs or system information through USB, Micro-SD card, RS485, Ethernet
» Configure devices using any web browser or an Android tablet
» Surface or DIN-Rail mounting options
» Multiple power supply options, AC adapter, Xanbus, RS485
» View or download an events log for faster troubleshooting
» Upgrade ComBox and Conext device firmware through a web browser or Android tablet
» Measure and compare energy performance over varying timelines

Conext ComBox Android mobile application

Protection Features

» Settings are maintained during power or network interruptions
» Tested and qualified for harsh environmental conditions (HALT reliability testing)

Applications:

Recreational vehicles

Marine

Heavy duty trucks

Work vehicles

Buses / coaches

Specialty vehicles

E

H.A.L.T Highly Accelerated Life Tested

2 YEAR LIMITED WARRANTY

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Electrical specifications – inverter	Conext ComBox for Freedom SW
Communication interfaces	
Xanbus	Connector: 2 x RJ45. Products Supported: AGS, SCP
Ethernet	Connector: 1 x RJ45, 10 / 100 MBPS. Server: FTP, Web, Modbus TCP/IP slave, SMTP, SNTP, Auto discovery: DPWS
RS485	Modbus (1 x Connector: Screw 5-terminal, 16-24AWG, 2-wire serial, 19200 bps)
Data Interfaces	
USB 2.0-Host	Connector: USB-A, Protocols: MSD (firmware upgrades and device locator)
USB 2.0-Device	Connector: USB-mini B, Protocols: MSD (data extraction)
Power supply options	
DC input	Certified / Listed / CE, using a 6.5 mm power plug, 9 - 24 Vdc (universal multi-pin AC adapter included)
Power consumption	<2 W typical / 10 W peak
RS485 connector	24 Vdc input(safety extra low-voltage only)
Memory	
Internal	96 MB flash
External	Micro-SD Card (2GB or more, class 2 or better recommended)
Conext ComBox Android tablet application*	
Software	Minimum Android version 4.0 (Ice Cream Sandwich), download via Google Play
Hardware	Minimum tablet screen size (7", 1024 x 600, e.g. Acer Iconia Tab A100, Acer Iconia Tab A500, Google Nexus™ 7, Asus Transformer TF700T, Samsung Galaxy Tab™ 2 10.1)

General specifications	
Weight	0.25 kg (0.55 lb)
Dimensions (H x W x D)	11.4 x 16.9 x 5.4 cm (4.5 x 6.7 x 2.1 in)
Housing/mounting system	ABS Plastic / DIN-rail: 35 mm, Wall-mount: 2-screw
IP rating/mounting Location	IP 20, NEMA 1, Indoor only
Status display	5 x LEDs
Temperature	Operating: -4 to 122 °F (-20 to 50 °C) / storage: -40 to 185 °F (-40 to 85 °C)
Humidity	Operating: < 95%, non-condensing / storage: < 95%
Part number	809-0918

Features	
Programmable dry contact relay	Screw 3-terminal, 16-24 AWG, NC-Com-NO, Form: Class 2, 24 Vdc 4 A max
Graphical user interface	Internet Browser, Android tablet app
Remote firmware upgrades	Yes (ComBox and connected Xanbus devices)
Custom datalogger	Yes (requires Micro-SD card)
Warranty	2 years
Number of Xanbus devices	Up to 20 (depending on device type)

Regulatory and environmental compliance	
Marking	CE, RCM
EMC immunity	EN61000-6-1 residential / commercial
EMC emission	EN61000-6-3, FCC Part 15 Class B, Ind. Canada ICES-003 Class B
Substances/environmental	RoHS

Specifications are subject to change without notice. *Tablet not included