

Conext ComBox communication device

New remote monitoring from Schneider Electric

Operators of Conext™ solar systems can now remotely monitor yield performance using devices of their choice, such as personal computers, tablet devices, or building management systems. Data logs and event logs for each device, as well as graphical displays of historical and real-time solar system harvest, and plant yield are easily reviewed using a web browser or Android tablet devices. Installers can change the settings of Conext devices during commissioning and react 24/7 to system alerts remotely. A Modbus interface links Conext devices with sophisticated third party software packages and building management systems. Integrated Micro-SD card provides for additional data storage. Conext ComBox is compatible with Xanbus protocol devices.

Product features



Easy to install

- Configured devices using web page interface or Android tablet



Flexible

- Access Conext XW, SW, TX, GT, MPPT 60 150, MPPT 80 600, SCP, AGS
- Supports Xanbus protocol devices



Easy to service

- Remotely monitor, immediately access and troubleshoot systems 24/7



Higher return on investment

- Monitor solar system harvest and yield



Product applications



Residential, backup power and grid-tie



Small commercial, backup power and grid-tie



Off-grid solar



Community electrification

www.MatrixEnergy.ca
Toll Free: 1-866-630-5630



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|----------------------------------|--|
| Device short name | Conext ComBox |
| Electrical specifications | |
| Communication interfaces | |
| Inverter (Xanbus) | Connector: 2 x RJ45 Products Supported: Conext XW, SW, TX, MPPT 60, HV MPPT 80, AGS, SCP |
| Ethernet | Connector: 1 x RJ45, 10/100 MBPS Server: FTP, Web, Modbus TCP/IP Client: SMTP, SNMP, Auto discovery: DPWS |
| RS485 | Modbus (1 x Connector: Screw 5-terminal, 16-24AWG, 2-wire serial, 19200 bps) |
| Data Interfaces | |
| USB-Host | Connector: USB-A, Protocols: MSD |
| USB-Device | Connector: USB-mini B, Protocols: CDC, MSD |
| Power supply options | |
| DC input | Certified/Listed/CE, using a 6.5mm power plug, 9-24 Vdc |
| Power consumption | 4 W typical / 10 W maximum |
| Xanbus | When connected to Conext XW / SW or XW-MPPT 80 600 |
| Modbus | 24 Vdc (safety extra low-voltage only) |
| Memory | |
| Internal | 96 MB flash |
| External | Micro-SD Card (Connector: USD push-push, up to 2GB, Class 2 or better recommended) |
| General specifications | |
| Weight | 250.0 g (0.6 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: 35mm, Wall-mount: 2-screw |
| IP rating/mounting Location | IP 20, NEMA 1, Indoor only |
| Status display | 5 x LEDES |
| 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 | 865-1058 |
| Features | |
| Programmable dry contact relay | Screw 3-terminal, 16-24 AWG, NC-Com-NO, Form: Class 2, 24 Vdc 5 A |
| Graphical user interface | Integrated Web Server (Internet Browser), Android tablet Applications |
| Remote firmware upgrades | Yes |
| Datalogger | Yes |
| Warranty | 5 years |
| Max. number of Xanbus devices | 20* |
| Regulatory approvals | |
| 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, REACH |
| Disposal | WEEE |

Specifications are subject to change without notice. *Actual number depends on device type

Conext ComBox communication device works with the following Schneider Electric products

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|---|--|--|
|  <p>Conext XW inverter/charger (230 V/50 Hz) XW 4024 Product no. 865-1045-61 XW 6048 Product no. 865-1035-61 (120/240 V/60 Hz) XW 4024 Product no. 865-1010 XW 6048 Product no. 865-1000-01</p> |  <p>Conext SW inverter/charger SW 2524 120 Product no. 865-2024 SW 4024 120 Product no. 865-3524 SW 2524 230 Product no. 865-2524-61 SW 4024 230 Product no. 865-3524-61</p> |  <p>Conext TX grid tie solar inverter (N. America) TX 2800 Product no. 878-2801 TX 3300 Product no. 878-3301 TX 3800 Product no. 878-3801 TX 5000 Product no. 878-5001</p> |
|  <p>GT series grid tie solar inverter (Australia) GT 2.8 Product no. 864-1030 GT 5.0 Product no. 864-1039-01</p> |  <p>MPPT 60 150 solar charge controller Product no. 865-1030-1</p> |  <p>MPPT 80 600 solar charge controller Product no. 865-1032</p> |
|  <p>System Control Panel (SCP) Product no. 865-1050</p> |  <p>Automatic Generator Start (AGS) Product no. 865-1060</p> | |

