

Device short name	Conext ComBox
Electrical specifications	
Communication interfaces	
Xanbus	Connector: 2 x RJ45 Products Supported: Conext XW, SW, TX, GT-AUS, MPPT 60-150, MPPT 80-600, 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
Xanbus	When connected to Conext XW, SW or MPPT 80 600, or more than one Conext TX
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)
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	865-1058
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	5 years
Number of Xanbus devices	Up to 20 (depending on device type)
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

Specifications are subject to change without notice.

Conext ComBox communication device works with the following Schneider Electric products



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



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



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



GT series grid tie solar inverter
(Australia)
GT 2.8 Product no. 864-1030
GT 5.0 Product no. 864-1039-01



MPPT 60 150 solar charge controller
Product no. 865-1030-1



MPPT 80 600 solar charge controller
Product no. 865-1032



System Control Panel (SCP)
Product no. 865-1050



Automatic Generator Start (AGS)
Product no. 865-1060