

Schneider Electric Conext Core XC Series blue'Log Driver



DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting Schneider Electric Conext Core XC inverters.

COMMUNICATION

Max. number of inverters:	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
	50 ¹⁾	100 ²⁾	100 ²⁾
Communication interface:	RS485 (Modbus RTU)		
Bus speed:	19200 bps		
Protocol (transmission):	8E1		

¹⁾ Maximum of 31 inverters can be managed per bus interface. Connection of MX module RS485/422 is possible as an option. (Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.)

²⁾ MX module RS485/422 is necessary because up to 31 inverters can be managed per bus interface. (Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.)

POWER CONTROL

Active power control:	Yes ³⁾
Reactive power control:	Yes ³⁾

Active/reactive power control is not supported by all inverter types. An exact list is available from the inverter manufacturer.

³⁾ If Power Control should be required please contact the meteocontrol Support.

MEASUREMENT VALUES RECORDED

E_DAY	Daily energy
E_TOTAL	Total energy
ERROR	Error status
F_AC	Grid frequency
F_AC (phase 1, 2, 3)	Grid frequency (phase 1, 2, 3)
I_AC	AC current
I_AC (phase 1, 2, 3)	AC current (phase 1, 2, 3)
I_DC	DC current
OT_AC_TOTAL	Total operating hours
P_AC	AC active power
P_AC (phase 1, 2, 3)	AC active power (phase 1, 2, 3)
P_DC	DC power
Q_AC	Reactive power
Q_AC (phase 1, 2, 3)	Reactive power (phase 1, 2, 3)
S_AC	Apparent power
S_AC (Phase 1, 2, 3)	Apparent power (phase 1, 2, 3)
STATE	Operating status
T_WR	Inverter temperature
U_AC_L1L2	Phase to phase voltage L1-L2
U_AC_L2L3	Phase to phase voltage L2-L3
U_AC_L3L1	Phase to phase voltage L3-L1
U_DC	DC voltage

The actually recorded values may vary due to the inverter model or the inverter firmware.

SUPPORTED INVERTERS

Conext Core XC Series: Conext Core XC 540 Conext Core XC 630 Conext Core XC 680

Please contact Sales for details of compatibility with inverters not listed.
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