

Schneider Electric Conext CL 18/20/25 kVA Series blue'Log Driver



DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting Schneider Electric Conext CL 18/20/25 kVA 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:	Ethernet (Modbus TCP), RS485 (Modbus RTU)		
Bus speed:	Default 9600 bps (can be configured)		
Protocol (transmission):	8N1		

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
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⁾ Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.

Schneider Electric Conext CL 18/20/25 kVA inverters support different reactive power control methods depending on the country setting of the inverter. Please contact the inverter manufacturer for more information.

MEASUREMENT VALUES RECORDED

E_DAY	Daily energy
E_TOTAL	Total energy
ERROR	Error status
F_AC	Grid frequency
F_AC1	Grid frequency 1
F_AC2	Grid frequency 2
F_AC3	Grid frequency 3
I_AC1	AC current 1
I_AC2	AC current 2
I_AC3	AC current 3
I_DC1	DC current 1
I_DC2	DC current 2
OT_AC_TOTAL	Total operating hours
P_AC	AC active power
P_AC1	AC active power 1
P_AC2	AC active power 2
P_AC3	AC active power 3
P_DC1	DC power 1
P_DC2	DC power 2
Q_AC	Reactive power
S_AC	Apparent power
STATE	Operating status
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_AC1	AC voltage 1
U_AC2	AC voltage 2
U_AC3	AC voltage 3
U_DC1	DC voltage 1
U_DC2	DC voltage 2

SUPPORTED INVERTERS

Conext CL European (E):	CL20000 E	CL25000 E
Conext CL-NA North America (NA):	CL18000 NA	CL25000 nA

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