

Model	Output Cont RMS/Phase	Output Peak RMS/Phase	Rated Output Cont. kW
Cx2056y	20	40(2 Sec)	4.5

AC Line input: 190-230 VAC 3P @ 8 kW, 50/60Hz

24 Logic 24 Vdc $\pm$ x @ 0.5 Amp

VBUS to Motor: $\text{SQRT}(2) \times (\text{AC Line input})$, 270-325 VDC

OV Over voltage 400V

UV Under Voltage 100V

x : Feedback Options

E-Encoder

R-Resolver

B-Sine Encoder

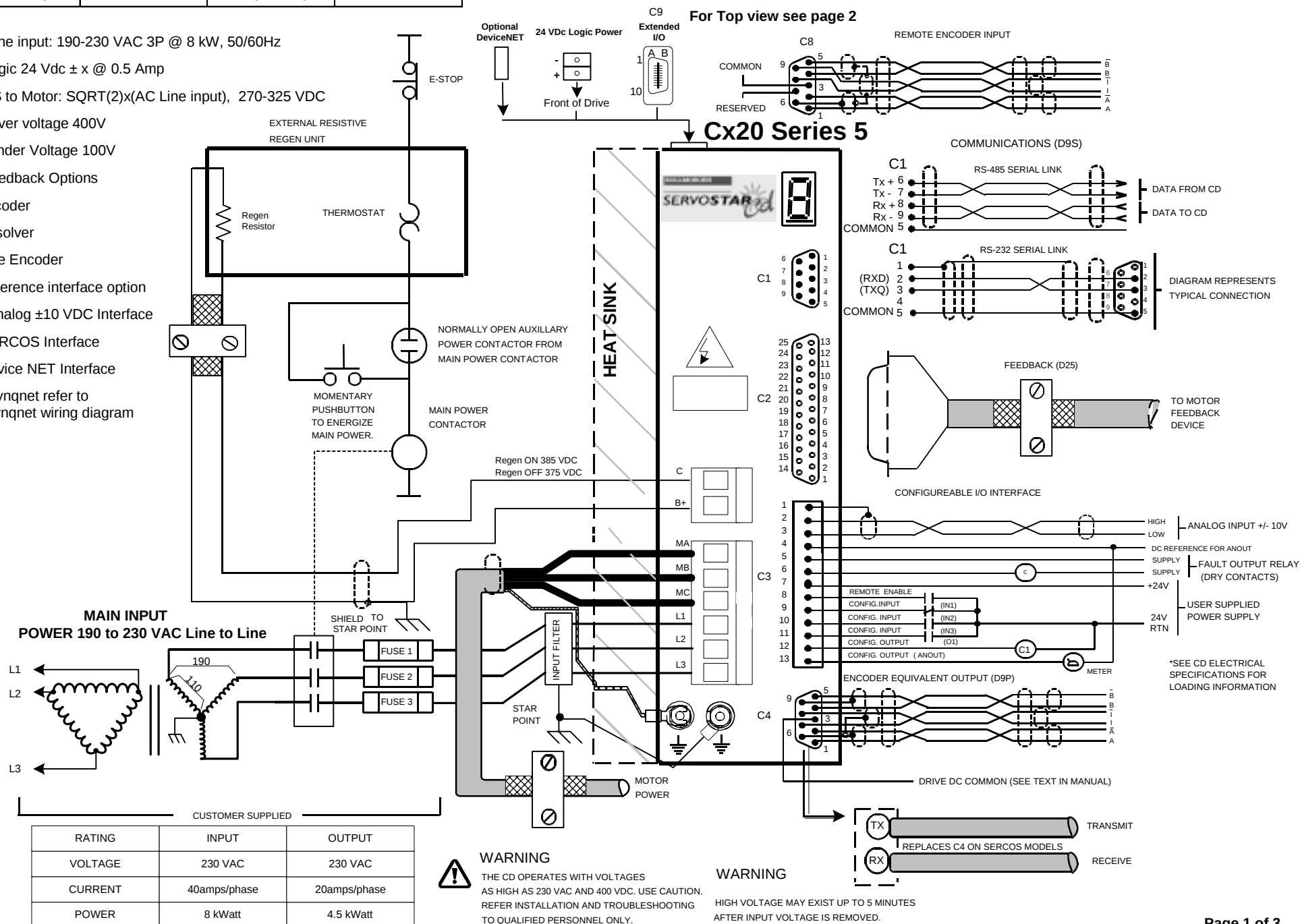
y: Reference interface option

0 – Analog ± 10 VDC Interface

1- SERCOS Interface

4- Device NET Interface

5 – Synqnet refer to
synqnet wiring diagram



CD20 Top View

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Solutions by
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MOTION

C7: MultiDrop Communications

Type: 10 Pin (0.1"x 0.1") Female Ribbon Cable. Connector and cable are included in the optional CK100 kit.
This connector functions only when using the RS232 interface. It will NOT function using RS485.

C8: Remote Encoder Input

Pin	Function
1	A Input + (High)
2	A Input - (Low)
3	DC Common
4	B Input + (High)
5	B Input - (Low)
6	Shield Connection
7	Reserved
8	Index +
9	Index -

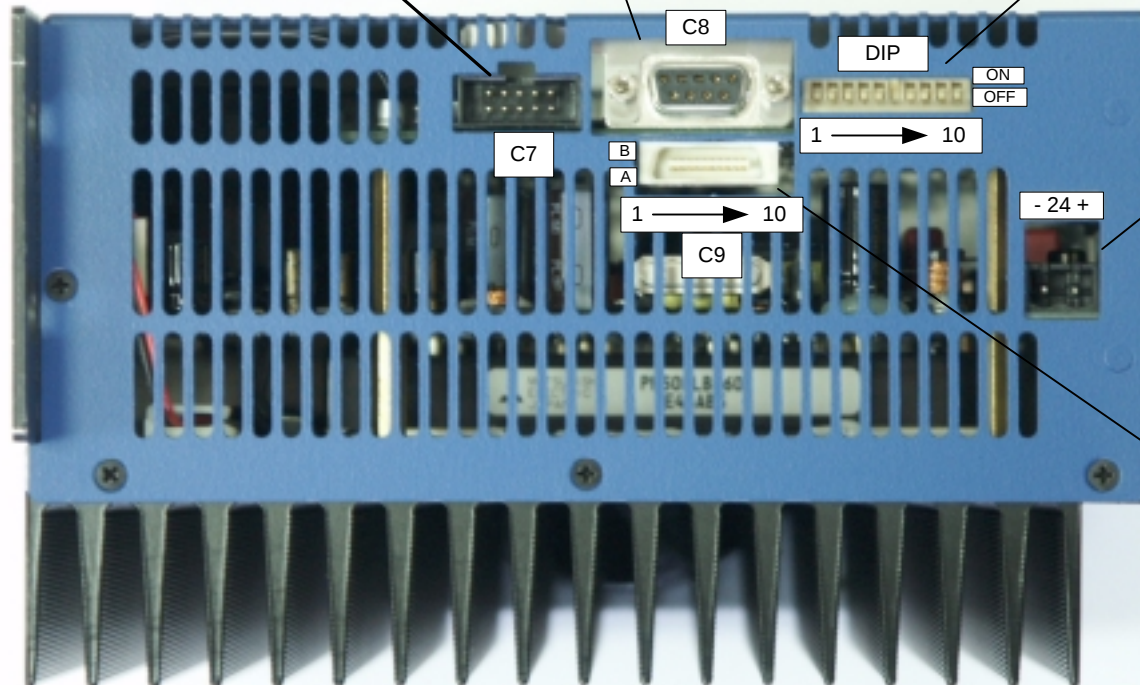
DIP (Configuration) Switch

Switch	Function	Settings
1	MultiDrop Addressing	Bit 0 of MultiDrop Address (LSB)
2		Bit 1 of MultiDrop Address
3		Bit 2 of MultiDrop Address
4		Bit 3 of MultiDrop Address
5		Bit 4 of MultiDrop Address (MSB)
6	Serial/SERCOS Baud Rate	0 = 9600 (2M) 1 = 19200 (4M)
7	HOLD Mode Switch	0 = Hold Mode Inactive 1 = Hold Mode Active
8	Drive Enable / Disable	0 = Drive Enable 1 = Drive Disable
9	SERCOS Transmit Power	0 = Low Power 1 = High Power
10	Factory Reserved	Must Be set to 0

Power Supply: 24 VDC 1.5A Limited

C9: External User I/O

Pin	Function
A3	Configurable input (see IN5)
B3	Configurable input (see IN4)
B4	Configurable input (see IN6)
B5	Common for IN4, IN5, and IN6
A8	Output O3
B8	Output O2
B9	Common for O2 and O3



CD20 Matting Connectors

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	Description	Matting connector	P/N
C1	RS232	D9 Female	EDA 8S0009SS402S25 Connector 9 pins D type for Cable solder
C2	Encoder Feedback	D25 Male	EDA 8S0025SS402S25 Connector 25 pins D Type For Cable solder
*C3	User I/O	WEIDMULLER	STX P/N CON-00000013-01 WEIDMULLER 800161574
C4	Encoder Equivalent output or SERCOS	D9 male or Sercos	EDA 8S0009SS402S25 Connector 9 pins D type for Cable solder
C7	Multidrop connector (Daisy chain)	10 Pin (0.1"x0.1") Female ribbon	
C8	Remote encoder input	D9 female	EDA 8S0009SS402S25 Connector 9 pins D type for Cable solder
C9	Extended I/O	20 PIN CONNECTOR	STX P/N CON-00000020-15 for flat cable HIROSE FX2BA-20SA-1.27R
*Ma Mb Mc L1 L2 L3	To motor phases Power supply input	Connector: 6 x PIN Molex MiniFit Terminal: Molex Terminal (pins)	Connector: STX P/N CON-00000006-38 Molex P/N 42816-0612 Terminal (Pins): STX P/N PIN-00042815-00 Molex P/N 42815-0031
*B+ C	Regen	Connector: 2 x PIN Molex MiniFit Terminal: Molex Terminal (pins)	Connector: STX P/N CON-00000002-44 Molex P/N 42816-0212 Terminal (Pins): STX P/N CON-00000002-44 Molex P/N 42815-0031
GND	Two GND terminal	Ring Terminals	
*24VDC	Logic supply	PCD	STX P/N CON-00000002-05 PCD ELFP02210

*Supplied with the drive