

The "Next Generation"

The Next Generation of Automatic Material Distribution Systems

CART-MATIC VFD DOOR CONTROL

Each COURION CART-MATIC VFD Door Controller is customized for your facility's unique operational procedures. COURION's VFD Controller provides the "smarts" to fully operate the doors, car gate, transfer unit, and other operations needed to insure proper performance of your COURION CART-MATIC Cart System.

PLC Based. COURION's CART-MATIC VFD Door Control is built around an industry proven programmable PLC. The PLC unit contains two communication ports which allows the control program to be easily updated to meet your ever changing needs.

Superior VFD Motor Control. COURION's new VFD Door Controller utilizes two variable frequency drives to provide superior door and car gate motor control. Your doors and car gate will open and close smoothly every time.

100% Factory Tested. COURION's quality control guarantees quality and reliability. Every Courion Door Control is factory tested.



CART-MATIC VFD CONTROL



www.couriondoors.com

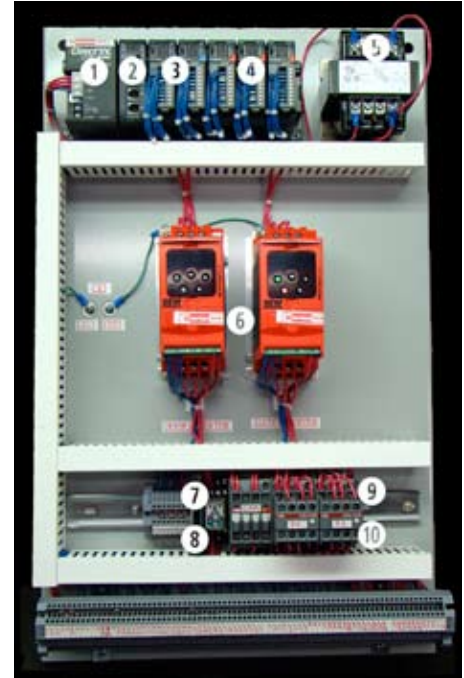
3044 Lambdin Ave.
St. Louis, Missouri 63115
(800) 533-5760 (314) 533-5700
(314) 533-5720 (fax)
e-mail: sales@couriondoors.com

The "Next Generation"

The Next Generation of Automatic Material Distribution Systems

VFD Controller

Key #	Part #	Part Description
①	90-039006	DL205 Slot Base
②	90-038000	DL240 CPU
③	90-036000	DL16NA Input Card
④	90-036108	DL08TRS Relay Output
⑤	90-883000	Transformer (150VA/230/115v)
⑥	90-210200	VFD Unit
⑦	e-1223	Relay Socket
⑧	90-510010	Relay (120VAC)
⑨	90-520001	Contactors
⑩	90-525000	Adder Deck (4, N.C.)



Typical Control measures 20" (wide) x 30" (tall) x 8" (deep).

DL240 CPU

The DL240 CPU is a powerful CPU with multiple communication ports. The DL240 is pre-programmed by COURION for your specific needs and requirements. Field adjustments are limited to the four (4) Potentiometers on the face of the CPU.



Potentiometer	Minimum	Maximum
CH1 - Timed Closed Delay	15 sec.	60 sec.
CH2 - Close Warning Delay	5 sec.	15 sec.
CH3 - Door Operation Timer	15 sec.	60 sec.
CH4 - Transfer Unit Operation Timer	15 sec.	45 sec.

VFD Drive Unit

When delivered, your COURION VFD Unit's parameters are preset to provide you with the optimal performance of your COURION CART-MATIC system. Depending on your specific installation, the following adjustments may be required.



Par	Description	Range	Default
P-03	Acceleration	0 to 3.000s	0.5s
P-04	Deceleration	0 to 3.000s	0.5s
P-20	Preset/Jog Speed 1	0 to 65Hz	35Hz
P-21	Preset/Jog Speed 2	0 to 65Hz	55Hz