*.sdf
Control-desk provides a bi-directional communication between its control panel and DS1104
To SCOPE
DAC 1
CP 1104
From ENCODER
INC 1
Digital I/O
GND
CURR A2
CURR B2
42 V DC Power Supply
+42 V
Power Electronics Drive Board
A 2
B 2
C 2
To SCOPE
ADJUSTABLE SPEED DRIVER (ASD)
PWM Digital I/O
Iu CURR
Iv CURR
U
V
W
P
N
R
S
T
TO POWER SUPPLY
Control-desk
MATLAB-Simulink
DS1104 R&D Controller Card
Computer
MOVER
To INC 1 (on CP 1104)
LINEAR ENCODER
3-PHASE LINEAR INDUCTION MOTOR
DC MOTOR