

CM1-E EtherCAT User Guide

Export to PDF

Version: 1.1.3

Table of Contents

- Introduction
 - Overview
 - Cool Muscle Motors
- EtherCAT Overview
 - EtherCAT State Machine
 - Explicit Device ID
 - PDO Mappings
- Wiring and LED Information
 - Overview
 - Motor Connections
 - LEDs
- CiA 402 - Drives and Motion Control Device Profile
 - Controlling the Power Drive System
 - State Machine
 - Controlword (0x6040)
 - Statusword (0x6041)
 - Modes of Operation
 - Switching between modes
 - Profile Position Mode
 - Profile Velocity Mode
 - Homing Mode
 - Cyclic Synchronous Position Mode
 - Cyclic Synchronous Velocity Mode
 - Motor Peak Speeds
- Object Dictionary
 - Communication Objects
 - PDO Mapping Objects
 - CiA402 Drive Profile Objects
- Data Sheets and MCAD
- XML File and Firmware Updates



EtherCAT®