

Application Note #2505

ICS-48115-F

Part Description

The ICS-48015-F is a DB15LD-F to Screw terminal breakout board designed to be used with 'ANALOG' DB15-LD connector on the Galil DMC-4000 series motion controller. The component is show in figure 1 below:

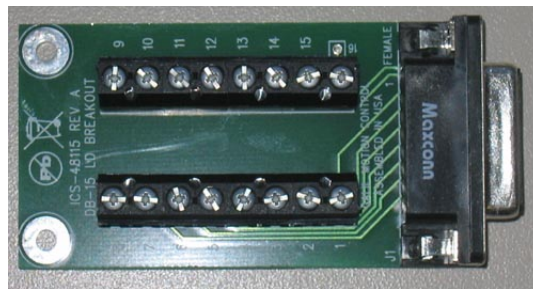


Figure 1: ICS-48115-F

Figure 2 shows installation (typical):

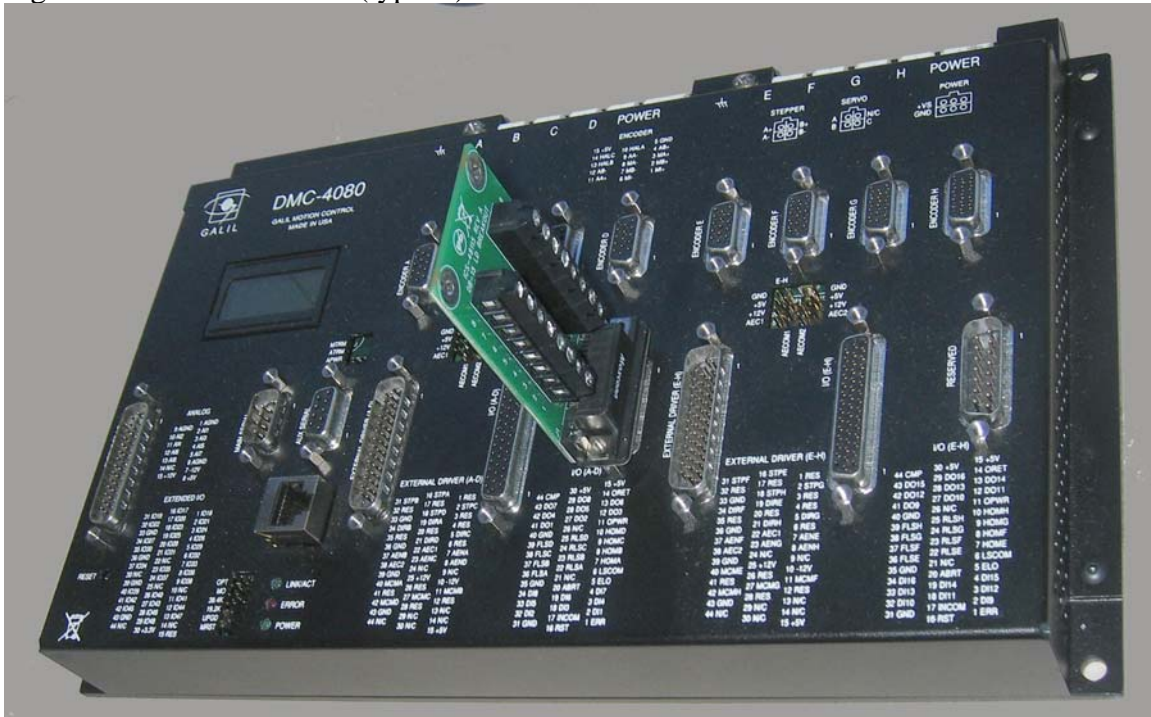


Figure 2: ICS installed on DMC-4000

Pinout

The pinout is based on the pinout as described on the silkscreen of the DMC-4000 and in the DMC-4000 User Manual:

ICM-42000 Analog 15 pin D-sub Connector

Pin #	Label	Description
1	AGND	Analog Ground
2	AI1	Analog Input 1
3	AI3	Analog Input 3
4	AI5	Analog Input 5
5	AI7	Analog Input 7
6	AGND	Analog Ground
7	-12V	-12V from Controller
8	+5V	+5V from Controller
9	AGND	Analog Ground
10	AI2	Analog Input 2
11	AI4	Analog Input 4
12	AI6	Analog Input 6
13	AI8	Analog Input 8
14	N/C	No Connect
15	+12V	+12V from Controller

Ratings

Voltage and current ratings are defined by the DMC-4000. Only DC voltages from 5V-24V will be present on this component. Review the Appendix in the DMC-4000 User Manual for details on all available I/O.

RoHS

Galil Motion Control, Inc. certifies that the ICS-48115-F meets the 2002/95/EC (RoHS) requirements.

Level 1: RoHS Compliance Certification

Galil Motion Control, Inc. states the above products and any of its homogenous materials, do not contain each of the 6 substances above the RoHS thresholds.

Lead	<1000 PPM
Mercury	<1000 PPM
Hexavalent Chromium	<1000 PPM
PBB	<1000 PPM
PBDE	<1000 PPM
Cadmium	< 100 PPM

Dimensions

