See IQAN–MDL2 System drawing

Note: resistor recommended for current limitation

1.5K / 1W

Resistor

Emergency stop

Fuse Main

Battery

Fuse 20A

–BAT

+BAT

IQAN–MDL2

+BAT –BAT

Pulse Pulse

23 36

FIN A DFIN–A+ DFIN–A–

Alternative I/O config. for DIN Channels

+BAT (or may use +VREF)

18 19 20 21 32 33 34 35

DIN E DIN F DIN G DIN H DIN I DIN J DIN K DIN L

Alternative I/O config. for VIN Channels

+BAT

15 28 42 16 17 29

–BAT +BAT RTC NC NC NC C1

Power supply

22 23 36 37

DIN A DIN B DIN C DIN D

Digital inputs

14 1 18 19 20 21 32 33 34 35

+VREF –VREF VIN A VIN B VIN C VIN D VIN E VIN F VIN G VIN H

Voltage inputs

Current outputs

CRET A+ CRET A– COUT A CRET B+ CRET B– COUT B

25 39 11 24 38 10

A B A B

Function A Function B

Digital outputs

DOUT A DOUT B DOUT C DOUT D DOUT E DOUT F

13 27 41 12 26 40

Function

Diode: 1N5404

RS232/EXT. MODEM

Data out Data in

30 31

CAN

CAN–H D CAN–L D CAN–H C CAN–L C CAN–H B CAN–L B CAN–H A CAN–L A

8 9 6 7 4 5 2 3

CAN–A

CAN–B

CAN–C

CAN–D

See IQAN–MDL2 System drawing

Alternative I/O config. for COUT Channels

25 39 11 24 38 10

DIN M DIN N DOUT G DIN O DIN P DOUT H

Diode: 1N5404

Parker

ENGINEERING YOUR SUCCESS

Electrical schematic IQAN–MDL2

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Information in this document is subject to change without notice