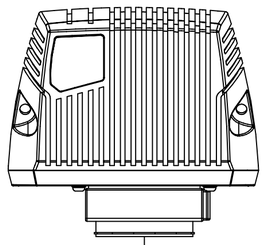
IQAN–XT2



External power (max 6 Amp)

20A*

Emergency stop

Battery

FRQ

FRQ

FRQ

VOLTAGE INPUTS MAY BE USED AS DIGITAL INPUTS WHEN CONNECTED TO SWITCHES AS SHOWN HERE.

BATTERY OR +VREF

VIN_

CAN (Parker ICP)

CAN (Parker ICP)

C1 29 –BAT2
C1 15 –BAT
C1 28 +BAT
C1 42 +BAT2
C1 39 FIN C
C1 38 FIN B
C1 37 FIN A
C1 12 +VREF A
C1 13 –VREF A
C1 22 VIN B
C1 23 VIN C
C1 24 VIN D
C1 25 VIN E
C1 35 VIN F
C1 36 VIN G
C1 37 VIN H
C1 38 VIN I
C1 39 VIN J
C1 10 +VREF B (E–GAS)
C1 11 –VREF B (E–GAS)
C1 21 VIN A/EGAS ret
C1 16 CAN H
C1 30 CAN L
C1 27 CAN H
C1 41 CAN L

Power supply

Frequency inputs

Voltage inputs

CAN

Current outputs

Digital/PWM outputs

EGAS output (H–Bridge)

CAN 2

C1 18 CRET A+
C1 32 CRET A–
C1 31 COUT A
C1 17
C1 20 CRET B+
C1 34 CRET B–
C1 33 COUT B
C1 19

C1 2 DOUT A
C1 3 DOUT B
C1 4 DOUT C
C1 5 DOUT D
C1 6 DOUT E
C1 7 DOUT F

C1 8 EGAS +
C1 9 EGAS –

C1 1 ADDR. H
C1 14 ADDR. L

C1 26 CAN H
C1 40 CAN L

A

B

Function

Function

Diode: 1N4004

Function

Function

Function

Function

Function

Function

EGAS

M

IdTag

CAN (SAE J1939)

Parker

ENGINEERING YOUR SUCCESS

Electrical schematic IQAN–XT2

Publ.no: HY17–8313–ES1/UK
Ed: 07/2008

Information in this document is subject to change without notice