FIT SWITCH
WITH O TOP

Emag
SI0344

Pumps
SI0344

Electronics
SI0344

Main Unit
SI0344

IEC Lead
To Emag PSU
Box SI0847

E-Mag PSU
SI2188

9 WAY D PLUG
EMS
4 Core
Pin No's
R--1
N--2
Y--3
G--4

Gauge ON/Off Relays
SI0347 SI0346

Pumps
Use 9 D Socket
Pump A-3
Pump A-2
Pump S-7
Pump S-6

W3 98
G3 99
R2
B3 102
W3 103
N2
B3

SYSTEM CABLES

SOURCE	70101/12
HEAD AMP	70101/15
HEAD AMP+FID	70101/16
GAUGE	SI0895
MAINS	SI1024
USB	SI2288

GC ONLY

70101/16 FIT TO 0-3VFC
70101/15 FIT TO 4-7VFC

S3
178
200
V3
W3
Turbo Start Stop Relay
SI0376 SI0355

TURBO PCB
CONTROLLER
1
PLUG

TURBO PCB
CONTROLLER
2
PLUG

O3
G3
B3
307
Br2
V2
201
202

Pump S Pin 8
Pump S Pin 9
Pump A Pin 4
Pump A Pin 5
Pumps
Use 9 D Socket

305
306
308
24V
0V
24 VOLT PSU
For Pump System
SI0508
230V
L
N
E
L4
N4
E4

FOR 220-240 VOLTS SET
SWITCH ON SI0508 AS ABOVE

FOR 100-110 VOLTS SET
SWITCH ON SI0508 AS ABOVE
110V

+ TO TOP
34 Way Valve
Terminal Block
SI0373

Start/Stop Relay
V15
15 Way Socket
On Rear Panel

SYSTEM CONTROLLER
VALVE BANK 0----------37 D TYPE SOCKET
ON REAR PANEL
PIN 1 TO PIN 1
VALVE BANK 1----------34 WAY IDC TERMINAL
BLOCK

Flow1
12
13
10
To F-P Sensors
Use 25 D Socket
P1
USED WITH TRAPPING LOOP UNIT

Mains
Fuse
13A
Mains In Filter
SI1328
IEC Lead
To Electronics
Box SI0847

I.E.C Socket Mount
SI0903
Pump Fuse
240V 4A SI1548
Pump Fuse
110V 6A SI0607

24v Fan PSU
SI1329
SI1330
SI1331
B B R R
6 FANS IN TOTAL

REAR OF UNIT
AIR FLOW
FRONT OF UNIT
AIR FLOW

----VOLTS AC
0.7KVA 50/60 Hz

REV.	ISSUED BY	DESCRIPTION	DATE	REV. No.
	JH	RELAY CONNECTIONS AMENDED	14/2/2022	C4
	DW	MAINS FUSE AND IEC SOCKET ADDED	08/10/19	C3
	MOC	TERMINAL BLOCK ADDED	29/4/19	C2
	MOC	ELECTRONICS CHANGE	30-5-2014	C1
	MOC	ISSUED FOR BUILD	22-12-2009	C
	MOC	ORIGINAL	22-12-2009	A

REMOVE ALL BURRS & SHARP EDGES | DO NOT SCALE
THIRD ANGLE
MATL.
FINISH
ALL DIMENSIONS IN MILLIMETERS
TOLERANCES UNLESS OTHERWISE STATED
±0.15° ANGULAR 0. ±1 0.00 ±0.1 0.0 ±0.2
SURFACE FINISH 1.6u
DRG. SIZE A1
SCALE NTS
TITLE
HYDRA 20-22 EDWARDS
DRG No
20402-004-001
SERCON LTD
©