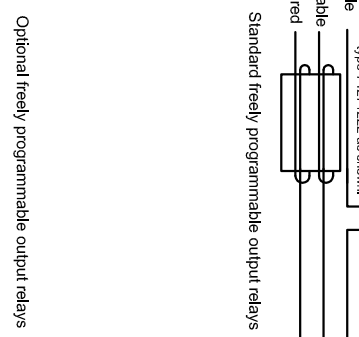


Loop cable through ferrite type 74271222 as shown.

Phase cable, 230V or 115V as required  
 Earth cable  
 Neutral cable  
 Note: Mains cable Recommended to use separate mains cable. Single core cross section area between 1.5mm<sup>2</sup> and 2.5mm<sup>2</sup>.



Details of terminations on Power and IO PCB 81204350\_01

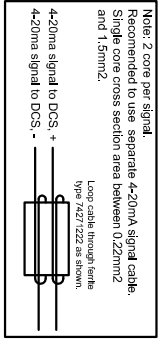
1	E: Earth cable
2	N: Neutral cable
3	P: Phase cable, 230V or 115V as required.
11	Digital output 1: Normally open contact
12	Digital output 1: Common contact
13	Digital output 1: Normally closed contact
14	Digital output 2: Normally open contact
15	Digital output 2: Common contact
16	Digital output 2: Normally closed contact
17	Digital output 3: Normally open contact
18	Digital output 3: Common contact
19	Digital output 3: Normally closed contact
20	Digital output 4: Normally open contact
21	Digital output 4: Common contact
22	Digital output 5: Normally open contact
23	Digital output 5: Common contact
24	Digital output 6: Normally open contact
31	Digital input 1: 24V DC Input
32	Digital input 1: 0V DC Input
33	Digital input 2: 24V DC Input
34	Digital input 2: 0V DC Input
35	Digital input 3: 24V DC Input
36	Digital input 3: 0V DC Input
37	Digital input 4: 24V DC Input
38	Digital input 4: 0V DC Input
41	Power supply 2 output: 24V DC.
42	Power supply 2 output: 0V DC.
43	Power supply 2 output: 0V DC.
44	Power supply 1 output: 24V DC.
45	Power supply 1 output: 0V DC.
46	RS232 output: TX
47	RS232 output: RX
48	RS232 output: GND
51	Analogue input 1: 4-20ma + input
52	Analogue input 1: 4-20ma - input
53	Analogue input 2: 4-20ma + input
54	Analogue input 2: 4-20ma - input
51	Analogue output 1: 4-20ma + output
52	Analogue output 1: 4-20ma - output
63	Analogue output 2: 4-20ma + output
64	Analogue output 2: 4-20ma - output
65	Analogue output 3: 4-20ma + output
66	Analogue output 3: 4-20ma - output
67	Analogue output 4: 4-20ma + output
68	Analogue output 4: 4-20ma - output

Fuse for 230v supply, Fuse F1: T2A  
 Fuse for 115v supply, Fuse F1: T3,15A  
 Contacts shown in normally de-energized state



Fuse F1 230V T2.0A 115V T3,15A		11 12 13	17 18 21 22	31 32	35 36	Fuse F4 T3000mA FSU#2		Fuse F3 T3000mA FSU#1		Fuse F2 T1A Internal fan or heater		51 52	61 62	65 66	
1	2	DO-1 NO C	DO-3 NO C	DI-1 24V 0V	DI-3 24V 0V	PSU#2 24V 0V	PSU#1 24V 0V	RS232 TX	RS232 RX	RS232 GND	AO-1	AO-2	AO-3		
230V 115V	EN P	14 15 16	19 20	23 24	33 34	37 38	41 42 43	44 45	46 47 48	53 54	63 64	67 68			
		DO-2 NO C	DO-4 NO C	DO-5 NO C	DI-2 24V 0V	DI-4 24V 0V	PSU#2 24V 0V	PSU#1 24V 0V	RS232 TX	RS232 RX	AO-1	AO-2	AO-3		

Power and IO PCB 81204350\_01



Standard 4-20ma signal output  
 Optional 4-20ma signal outputs

\* Optional

REV	DETAILS	I.D.	DATE
X1	Drawing Created	EH	14/06/2013
X2	RJ45 Connector Included	EH	02/07/2013
X3	Compressor Output Moved	EH	16/11/2015
X4			

# BioTector

ANALYTICAL SYSTEMS LIMITED

DRAWING: 81105041

PRODUCT: BIOTECTOR B3500

DRAWING TITLE: Biotector Compressor Termination Wiring

BIOTECTOR IRELAND - WWW.BIOTECTOR.COM

UNIT: METRIC UNLESS SHOWN OTHERWISE

X3