Source 2010-181

sercon
innovators in isotopes

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Company Registration No. 4290072 Vat No. 771 1100 74

7: ASSEMBLY AND TEST RECORD

Client:	Reacting SARL, Morocco C/O: JYH		
Quotation Number:	13993c	Date:	05/05/2021
Job Number:	IN1260	Date:	02/06/2021

PRODUCT: ABCA2

SERIAL NUMBER: 20602/1-2021/1260

ASSEMBLED: (Name) [signature] Date: 9/7/21

PRE-TEST INSPECTION: (Production name) P. Hayes Date: 9/7/21

PRE-TEST INSPECTION: (Test name) S. [signature] Date: 9/7/21

SYSTEM TEST: (Name) S. [signature] Date: 5/8/21

PRE-DESPATCH INSPECTION: (Name) [signature] Date: 5/8/21

P.A.T. Test results

In compliance with Low Voltage directive 73/23/EEC
To Low Voltage standard EN61010 – 1:1993

Earth Continuity 0.071 Ω

Insulation >300 MΩ

Earth Leakage Current 0.30 mA. @ 0.05 kVA.

Tested by: P. Hayes

Date: 13/7/21

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IN1260

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Sercon Limited

Batch Picking List

Works Order Number	WO01322	**Sales Order No.**	**Quantity**	**DueDate**
BOM Reference	20602/1			
BOM Description	ABCA2 220-240 VOLTS (E)			
Qty Required	1.000			
Qty Outstanding	1.000			
Manuf.Instructions				
Works Order Notes				

Booked IN 3/7/21

Drawings

Reference/Description	Valid From	ValidTo	Revision Number	Date

Required By

Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	20101 Standard Source Assy	1.000	0.000	0.000	1.000	MARKS OFFICE Each
20.00	20301 Standard Collector Assy	1.000	0.000	1.000	1.000	MARKS OFFICE Each
30.00	41903 Three channel 100M/5G/5G amp assy	1.000	0.000	1.000	1.000	D-U1 Each
40.00	70101/12 20-22 Source Cable	1.000	0.000	1.000	1.000	B-H1 Each
50.00	70101/13 Standard Head Amp Cable	1.000	0.000	1.000	1.000	B-H1 Each
60.00	SI0006 20-20 Single Pump Flight Tube	1.000	0.000	1.000	1.000	D-Z Each
70.00	SI0022 Capillary Crimp Parts A & B	1.000	0.000	1.000	1.000	B-I4 Each
80.00	SI0048 Magnet Adjusting Screw	3.000	0.000	3.000	3.000	B-I3 Each
90.00	SI0049 Big Magnet Adjusting Foot	1.000	0.000	1.000	1.000	B-I3 Each
100.0(	SI0050 Magnet Foot	2.000	0.000	2.000	2.000	B-I3 Each
110.0(	SI0101 Columax Magnet	1.000	0.000	1.000	1.000	D-V4 Each
120.0(	SI0112 NW10/16 Clamping Ring Stainless Steel - Edwards	1.000	0.000	1.000	1.000	D-Z5 Each
130.0(	SI0113 NW10/16 Adapt/Cent Viton® SS - Edwards	1.000	0.000	1.000	1.000	D-Z5 Each
140.0(	SI0204 Bulkhead Union 1/16 SS	3.000	0.000	3.000	3.000	B-J7 Each

150.0(	SI0344 2P red illum round rocker swithc, 10A	3.000	0.000	3.000	3.000	B-H5 Each
160.0(	SI0346 SPCO Plug-in Power Relay, 10A 24V DC Coil	1.000	0.000	1.000	1.000	B-H3 Each
170.0(	SI0347 DIN Rail Socket For SPCO G2R-1 Relay	1.000	0.000	1.000	1.000	B-H3 Each
180.0(	SI0355 DPCO Plug-in Relay, 10A 24V DC Coil	1.000	0.000	1.000	1.000	B-H3 Each
190.0(	SI0373 34 Way IDC Header DIN Rail Terminal	1.000	0.000	1.000	1.000	B-H9 Each
200.0(	SI0374 Connector,Terminal,Screw,Single Pole,Interlocking,Tab/Tab	4.000	0.000	4.000	4.000	B-H6 Each
210.0(	SI0375 Connector,Terminal,Screw,Single Pole,Interlocking, End Plate	2.000	0.000	2.000	2.000	B-H6 Each
220.0(	SI0376 DIN/Surface Socket For 6A DPCO Relay	1.000	0.000	1.000	1.000	B-H3 Each
230.0(	SI0385 25 Way Machine Cont Straight D Skt, 750Vac	1.000	0.000	1.000	1.000	D-X4 Each
240.0(	SI0388 9 Way Machine Cont Straight D Skt, 750Vac	1.000	0.000	1.000	1.000	D-X4 Each
250.0(	SI0508 TIS DIN Rail Univ Input SMPSU 24V 300W	1.000	0.000	0.000	1.000	B-H9 Each
260.0(	SI0534 3307 Telescopic Slide 457mm L 483mm	1.000	0.000	1.000	1.000	B-H9 Each
270.0(	SI0570 15 way Solder Contact ZD skt 5A 1000 Vac	2.000	0.000	2.000	2.000	D-X4 Each
280.0(	SI0630 Axial fan finger guard 80Hx80Wmm	7.000	0.000	7.000	7.000	B-H7 Each
290.0(	SI0631 9 Way D Hood	1.000	0.000	1.000	1.000	D-X4 Each
300.0(	SI0632 15 Way D Hood	1.000	0.000	1.000	1.000	D-X4 Each
310.0(	SI0687 1/8" PTFE Ferrules - Blank	1.000	0.000	1.000	1.000	B-J5 Each
320.0(	SI0697 MOVPT-1-50 Pneumatic Valve	1.000	0.000	1.000	1.000	B-K3 Each
330.0(	SI0703 1/8-1/16" PTFE Reducing Ferrule	1.000	0.000	1.000	1.000	B-J5 Each
340.0(	SI0756 Connector, Crimp Terminal, Adaptor, Male-Male	10.000	0.000	10.000	10.000	D-W1 Each
350.0(	SI0762 PSR16-16 PTFE Sealing Rings Pk/20	0.200	0.000	0.200	0.200	B-J6 Each

360.0(	SI0777 Spacer,circular,Nylon,M4,tapped/studded,25mm	4.000	0.000	4.000	4.000	D-W3 Each
370.0(	SI0793 Fan,axial,DC,80mm sqx15mm,3000rpm,53.0cu.m/h 24V	7.000	0.000	7.000	7.000	B-H7 Each
380.0(	SI0895 Blue Cat5e UTP patch lead, 2m	1.000	0.000	1.000	1.000	B-H1 Each
390.0(	SI0900 25 Way D Hood	1.000	0.000	1.000	1.000	D-X4 Each
400.0(	SI0903 I.E.C Socket Mount	1.000	0.000	1.000	1.000	B-H5 Each
410.0(	SI0960 IEC Cord - Plug	1.000	0.000	1.000	1.000	B-I2 Each
420.0(	SI0961 IRMS Electronics, basic unit plus Clk/Handshake PCB	1.000	0.000	0.000	1.000	D-V3 Each
430.0(	SI1004 Right-Angled Bracket 25mm	1.000	0.000	1.000	1.000	D-W3 Each
440.0(	SI1241 Solenoid Valve.3-Port.	1.000	0.000	1.000	1.000	B-J4 Each
450.0(	SI1244 Seal Kit	1.000	0.000	1.000	1.000	B-J3 Each
460.0(	SI1245 SOL Cable	1.000	0.000	1.000	1.000	B-J3 Each
470.0(	SI1246 2-Station Manifold - M5	1.000	0.000	1.000	1.000	B-J2 Each
480.0(	SI1255 M5 Plug	1.000	0.000	1.000	1.000	B-J3 Each
490.0(	SI1328 FN9222 Screw mount inlet filter, 15A	1.000	0.000	1.000	1.000	B-H4 Each
500.0(	SI1329 RPS-60 Series SMPSU, 24V 2.5A	1.000	0.000	1.000	1.000	B-H5 Each
510.0(	SI1330 Cover kit for 2x4inch power supplies	1.000	0.000	1.000	1.000	B-H5 Each
520.0(	SI1331 Connector kit, VHR-3N,VHR-4N,BVH-21T-P1.1	1.000	0.000	1.000	1.000	B-H5 Each
530.0(	SI1344 IEC connector retaining clamp kit, KT0006	2.000	0.000	2.000	2.000	B-H4 Each
540.0(	SI1364 SOSS 101 Invisible Hinge 43x10mm	2.000	0.000	2.000	2.000	B-H8 Each
550.0(	SI1375 Anti surge T HBC min fuse,3.15A 5x20mm	1.000	0.000	1.000	1.000	B-K7 Each
560.0(	SI1418 Metal EMC screen filter, 80Hx80Wmm	3.000	0.000	3.000	3.000	B-H7 Each

570.0(	SI1478 Double Flange	1.000	0.000	1.000	1.000	B-H8 Each
580.0(	SI1482 34 Way IDC Bump Polarised Socket, 1A	1.000	0.000	1.000	1.000	D-X4 Each
590.0(	SI1548 Anti surge T LBC min fuse, 4A 5x20mm	1.000	0.000	1.000	1.000	B-K7 Each
600.0(	SI1579 Door Pin	1.000	0.000	1.000	1.000	B-H8 Each
610.0(	SI1580 Source Block Stud	2.000	0.000	2.000	2.000	D-U2 Each
620.0(	SI1594 15 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
630.0(	SI1595 37 Way D Plate	1.000	0.000	1.000	1.000	D-U3 Each
640.0(	SI1693 Non Magnetic Catch	1.000	0.000	1.000	1.000	B-H8 Each
650.0(	SI1743 ABCA 2 Cabinet	1.000	0.000	1.000	1.000	B Each
660.0(	SI1758 ABCA 2 FLIGHT TUBE BASE	1.000	0.000	1.000	1.000	D-Z Each
670.0(	SI1759 ABCA 2 MAGNET BASE	1.000	0.000	1.000	1.000	D-Z Each
680.0(	SI1792 Jack Screw Mounting Kit	1.000	0.000	1.000	1.000	D-X4 Each
690.0(	SI1793 37 Way IDC D Hood	1.000	0.000	0.000	1.000	D-X4 Each
700.0(	SI1794 37 Way IDC D Socket - Metal	1.000	0.000	1.000	1.000	D-X4 Each
710.0(	SI1795 37 Way IDC D Plug - Metal	1.000	0.000	1.000	1.000	D-X4 Each
720.0(	SI1821 3 Port valve	1.000	0.000	1.000	1.000	B-J3 Each
740.0(	SI1899 1/16 x M5 Fitting	4.000	0.000	4.000	4.000	B-J6 Each
750.0(	SI1900 Dowty Seal - M5	4.000	0.000	4.000	4.000	B-J6 Each
760.0(	SI1919 Power cord C13 bottom angle one end 2m	1.000	0.000	1.000	1.000	B-I2 Each
770.0(	SI2288 Internal USB 4.5m	1.000	0.000	1.000	1.000	B-H2 Each
780.0(	SI2289 Oil Mist Eliminator	1.000	0.000	1.000	1.000	D-Z6 Each

790.0(	SI2294 NW10 x 3/8" Bsp Adapter	1.000	0.000	1.000	1.000	D-Z5 Each
800.0(	SI2304 Screwdriver bayonetcap fuseholder 5x20mm	2.000	0.000	2.000	2.000	B-H6 Each
810.0(	SI2411 Split cable gland	1.000	0.000	1.000	1.000	B-H2 Each
820.0(	SI2412 Quick Insert Pk 10	1.000	0.000	1.000	1.000	B-H2 Each
840.0(	SI2477 ABCA2 Door Graphic	1.000	0.000	1.000	1.000	C Each
830.0(	SI2512 3 Metre UK 13 amp Fused plug to IEC C 13	1.000	0.000	0.000	1.000	B-I1 Each
730.0(	SI2662 nEXT85 ABCA KIT	1.000	0.000	0.000	1.000	D-Z Each

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Sercon Limited

Batch Picking List

Works Order Number	WO01327	**Sales Order No.**	**Quantity**	**DueDate**
BOM Reference	70101/13			
BOM Description	Standard Head Amp Cable			
Qty Required	1.000			
Qty Outstanding	1.000			
Manuf.Instructions	To be used on HD cable for 20/22.1 METER LONG ABCA/2 2 METERS LONG. INTEGRA/2 1.2 METERS LONG.			
Works Order Notes	To be used on HD cable for 20/22.1 METER LONG ABCA/2 2 METERS LONG. INTEGRA/2 1.2 METERS LONG.			

Build IN 12/7/21

Drawings

Reference/Description	Valid From	ValidTo	Revision Number	Date

Required By

Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	SI0567	1.000	0.000	1.000	1.000	D-X4
	15 Way Solder Contact ZD Plug 5A 400 Vac					Each
20.00	SI0570	1.000	0.000	1.000	1.000	D-X4
	15 way Solder Contact ZD skt 5A 400 Vac					Each
30.00	SI0632	2.000	0.000	2.000	2.000	D-X4
	15 Way D Hood					Each
40.00	SI2439	0.000	0.000	0.000	0.000	
	6 Pair Twisted Pair Industrial Cable					Each

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Sercon Limited

Batch Picking List

Works Order Number	WO01326	**Sales Order No.**	**Quantity**	**DueDate**
BOM Reference	70101/12			
BOM Description	20-22 Source Cable			
Qty Required	1.000			
Qty Outstanding	1.000			
Manuf.Instructions				
Works Order Notes				

Build in 12/7/21

Drawings

Reference/Description	Valid From	ValidTo	Revision Number	Date

Required By

Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	SI1127 Plug Housing, 9way	1.000	0.000	1.000	1.000	D-U2 Each
30.00	SI1157 Cable for Source	0.000	0.000	0.000	0.000	D Each
40.00	SI1334 Crimp pin, mate-n-lok Pk/100	0.000	0.000	0.000	0.000	D-W2 Each
50.00	SI1476 Feedthrough Boss	1.000	0.000	1.000	1.000	D-U2 Each
60.00	SI1477 FeedThrough Boss Cover	1.000	0.000	1.000	1.000	D-U2 Each
70.00	SI1599 Brass Clip	9.000	0.000	9.000	9.000	D-X Each

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Sercon Limited

Batch Picking List

Works Order Number	WO01321	**Sales Order No.**	**Quantity**	**DueDate**
BOM Reference	20602			
BOM Description	ABCA2 SYSTEM			
Qty Required	1.000			
Qty Outstanding	1.000			
Manuf.Instructions				
Works Order Notes				

Build IN 3/8/21

Drawings

Reference/Description	Valid From	ValidTo	Revision Number	Date

Required By

Works Order No.	BOM Reference	Quantity

Seq	Product Code	Qty Required	Qty Allocated	Qty Issued	To Issue	Bin Location/UOM
10.00	10502/1 ABCA2 Sercon XYZ Autosampler	1.000	0.000	1.000	1.000	D Each
20.00	10602 ABCA 2 GAS BOX	1.000	0.000	1.000	1.000	D Each
30.00	20602/1 ABCA2 220-240 VOLTS	1.000	0.000	1.000	1.000	 Each
40.00	70101-1 ABCA2 spares kit (supp. with ABCA2)	1.000	0.000	1.000	1.000	Z Each
50.00	SI0155 Windows 7 based data system	1.000	0.000	1.000	1.000	 Each
70.00	SI2351 4 Port PCI Express (PCIe) SuperSpeed USB 3.0 Card Adapter	1.000	0.000	1.000	1.000	 Each
90.00	SI2391 PC Monitor	1.000	0.000	1.000	1.000	 Each