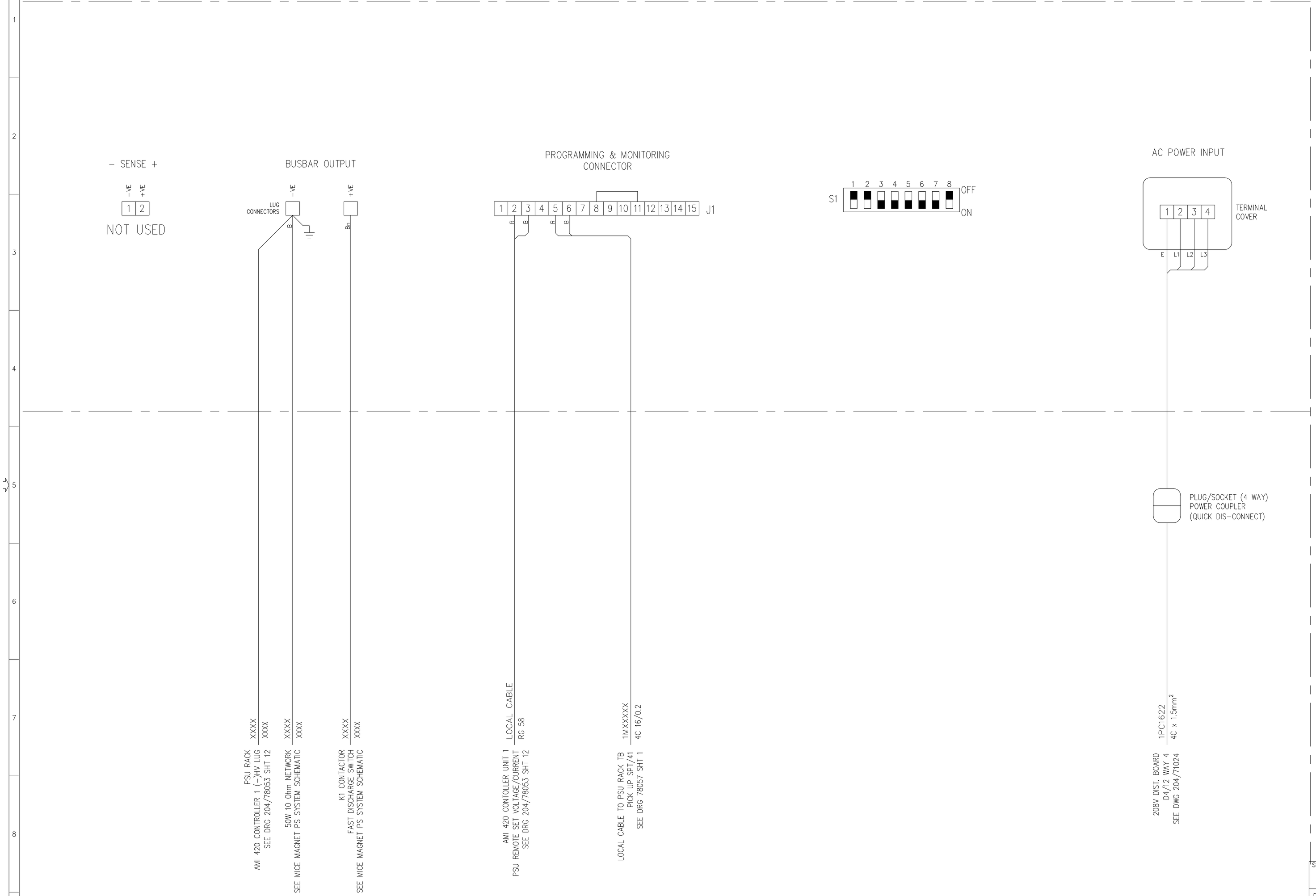
DRG No A0- 204/78053 SHT 15 OF 16

XANTREX XPR 20-300 PSU UNIT 1



SENSOR CONNECTOR

-	+

PROGRAMMING AND MONITORING CONNECTOR

J1	O/P VOLTAGE PROG (VPRG)	O/P CURRENT PROG (IPRG)	PROGRAM RETURN (RTN-P)	O/P VOLTAGE MONITOR (VMON)	O/P CURRENT MONITOR (IMON)	MONITOR RETURN (RTN-M)	NC	GROUND RETURN	+15V USER SIGNAL	NC	INTERLOCK RETURN (-)	INTERLOCK SIGNAL (+)	NC	SHUTDOWN RETURN (-)	SHUTDOWN (+)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

PROGRAMMING AND MONITORING DIL SWITCH

S1	RESISTIVE PROGRAM OF O/P VOLTAGE (OFF=0-5K/ON=0-10K)	RESISTIVE PROGRAM OF O/P CURRENT (OFF=0-5K/ON=0-10K)	O/P V PROGRAM & MONITOR RANGE (0-5 OFF/0-10 ON)	O/P I PROGRAM & MONITOR RANGE (0-5 OFF/0-10 ON)	O/P VOLTAGE MONITOR LOCAL (OFF)/REMOTE (ON)	O/P CURRENT MONITOR LOCAL (OFF)/REMOTE (ON)	REMOTE INTERLOCK LOGIC OFF=HIGH/ON=LOW	OVER TEMPERATURE SHUTDOWN RESET MODE (OFF=AUTO/ON=LATCH)	
	1	2	3	4	5	6	7	8	OFF (OPEN)
									ON (CLOSED)

DIL SWITCH SETTING

KEY

NC - NOT CONNECTED

SCALE 0

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED

REF DRAWINGS
204/78050 SPECTROMETER TEST RACK BLOCK DIAGRAM
204/78055 SPECTROMETER TEST RACK CANBUS/VME NETWORK
204/78057 PSU/COMMS/SIGNAL CONVERTER WIRING DIAGRAM
204/78059 SPECTROMETER TEST RACK CANBUS WIRING DIAGRAM
204/78052 SPECTROMETER TEST RACK POWER DIST DIAGRAM
204/78056 SPECTROMETER TEST RACK DAC/ADC WIRING DIAGRAM
204/78058 SPECTROMETER TEST RACK RS232 WIRING DIAGRAM

DRN	P.A.D.	23/03/12
CKD	I.M.	27/03/12
CERT		
APPD	I.M.	27/03/12

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL
DARESBURY LABORATORY
CHESHIRE

TITLE
MICE
COOLING CHANNEL TEST RACK
EQUIPMENT WIRING DIAGRAM

DRG No A0-204/78053 SHT 15 OF 16
ISSUE
CAD PART No
DRAWING LIST: -

CONTRACTORS COMPANY
CONTRACTORS DRG No

A FIRST ISSUE

ORIGINAL FRAME SIZE 1140mm X 790mm