

24V SUPPLY IN +  
-  
15V POWER OUT +  
- (SEE NOTE 1)

24V SUPPLY IN +  
-  
15V POWER OUT +  
- (SEE NOTE 1)

**DO NOT  
CONNECT**

**DO NOT  
CONNECT**

SEE ADDITIONAL SHEET FOR I/O WIRING

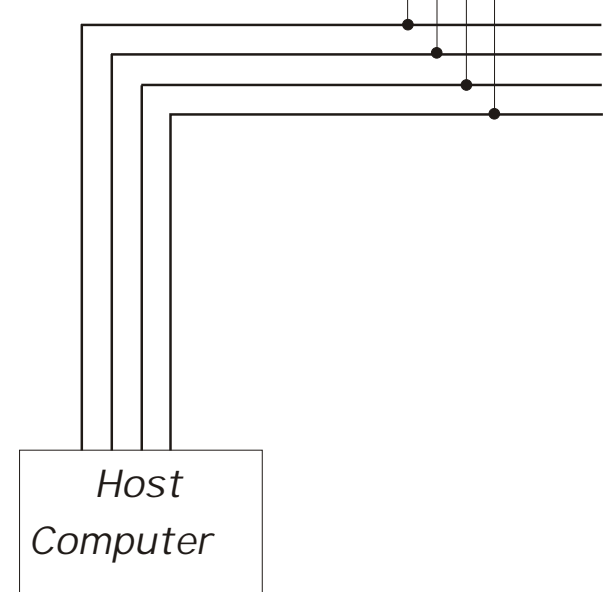
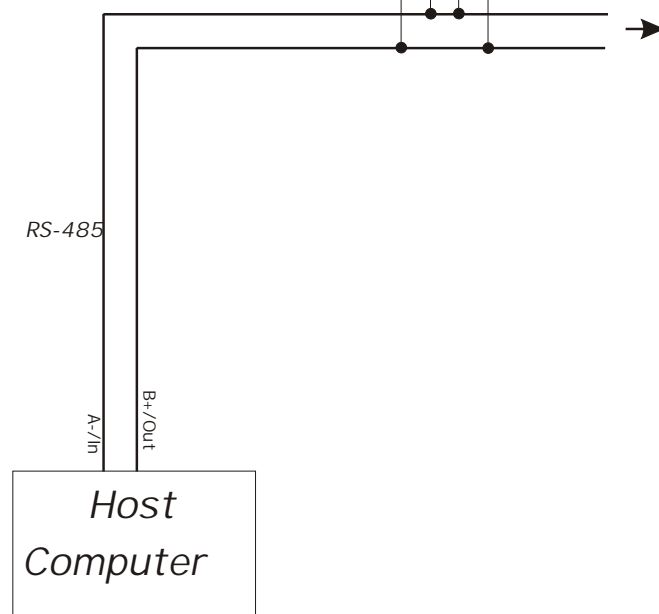
SEE ADDITIONAL SHEET FOR I/O WIRING

OPTIONAL SCREEN  
CONNECTION

OPTIONAL SCREEN  
CONNECTION

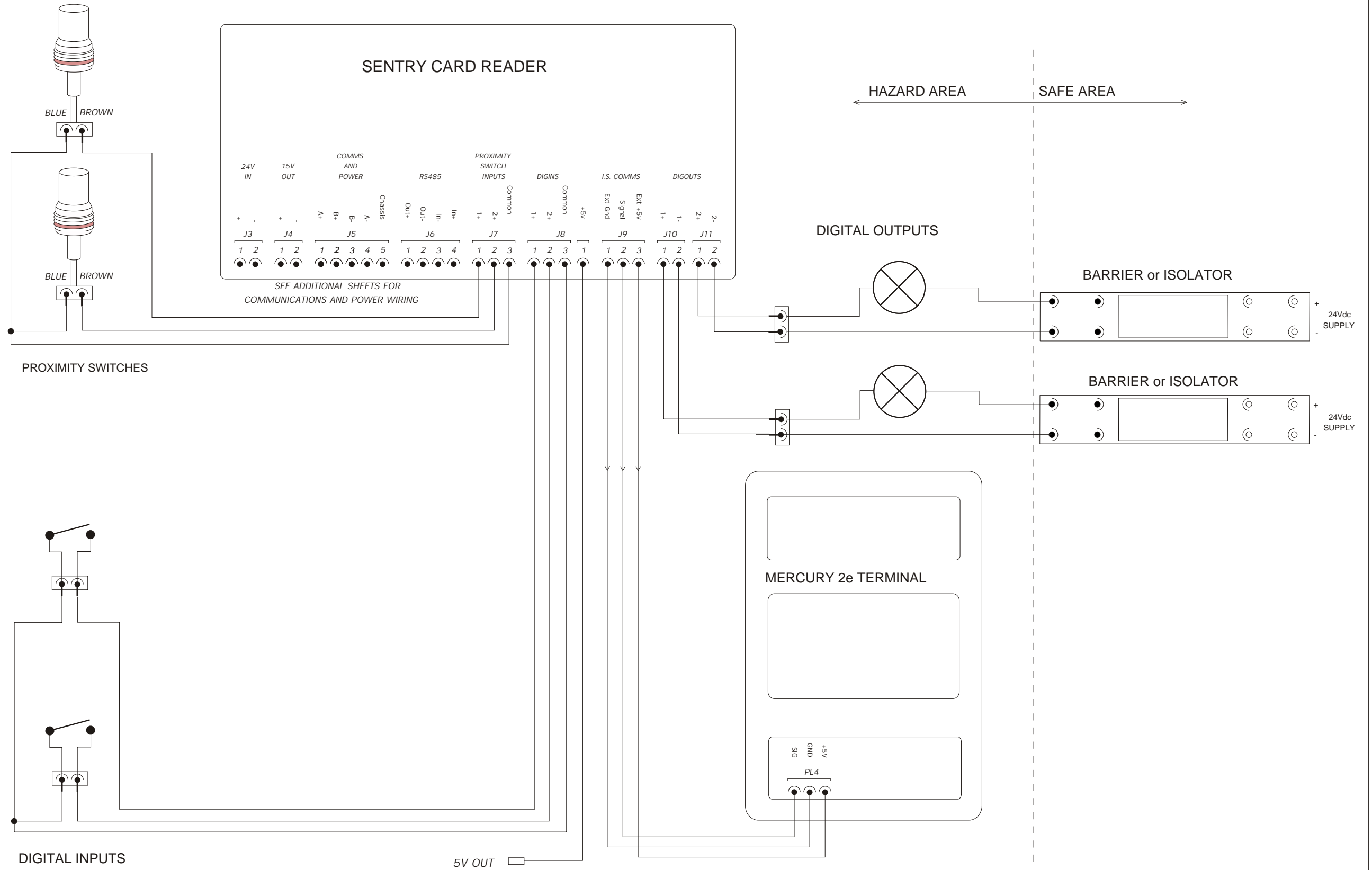
RS-485 BUS TO OTHER  
SENTRY / MERCURY  
DEVICES

RS-422 BUS TO OTHER  
SENTRY / MERCURY  
DEVICES



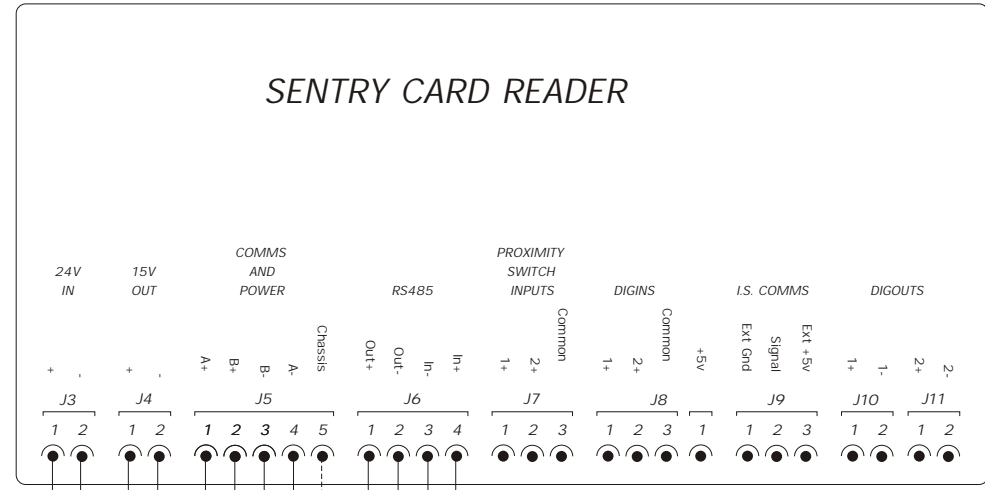
NOTES:  
1. FOR 15V OUTPUT LINKS LK8 AND LK9  
MUST BE FITTED.  
2. TO ENABLE NON- IS  
COMMUNICATIONS, LK7 MUST BE FITTED.

REVISION	0								THIS DRAWING MAY NOT BE REPRODUCED WITHOUT THE CONSENT OF DANIEL EUROPE © DANIEL EUROPE LTD 1999	DIMENSIONS IN MILLIMETERS	<b>DANIEL</b>
DATE	June 21st 2001								<input type="checkbox"/> CUSTOMER APPROVAL		<input type="checkbox"/> FINAL 'AS BUILT'
ECN REF	ORIG								<input type="checkbox"/> MANUFACTURING		<input type="checkbox"/> PROTOTYPE
DRAWN	MSC								<input type="checkbox"/> INFORMATION		
CHECKED								MATERIAL		TITLE	SENTRY NON-IS COMMUNICATIONS WIRING
APPROVED								SHT 1 OF 1	NOT TO SCALE	CAL No	REF No
									DRG No P174'021'D		



NOTES:  
1. ALL PERIPHERAL DEVICES ARE OPTIONAL.

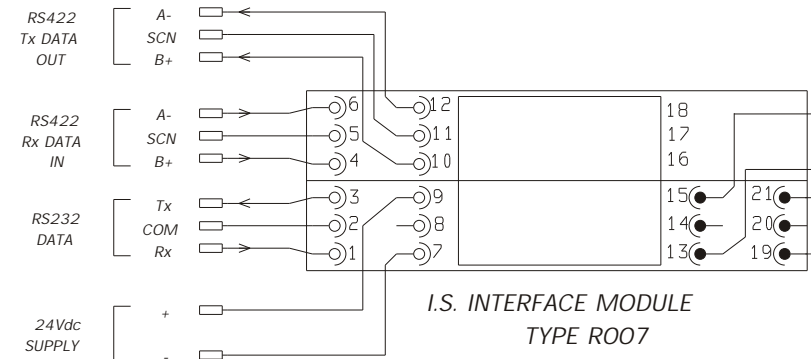
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DRAWN	MSC							<input type="checkbox"/> INFORMATION			
CHECKED						MATERIAL		TITLE SENTRY PERIPHERALS WIRING			
APPROVED						SHT 1 OF 1		NOT TO SCALE	CAL No	REF No	DRG No P174'025'D



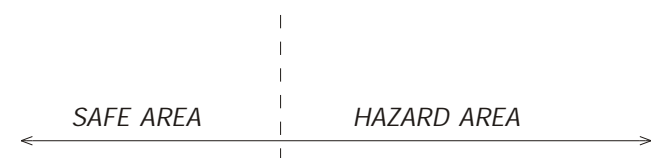
SEE ADDITIONAL SHEET FOR I/O WIRING

NOT CONNECTED FOR IS USE

OPTIONAL SCREEN



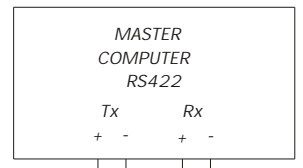
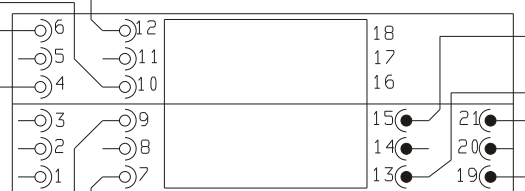
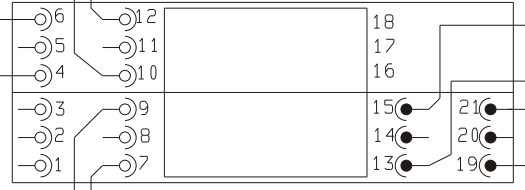
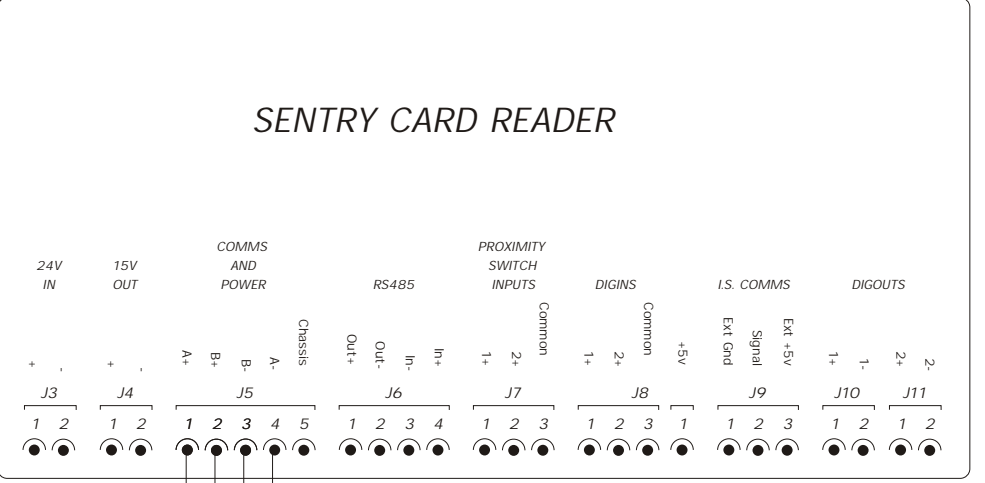
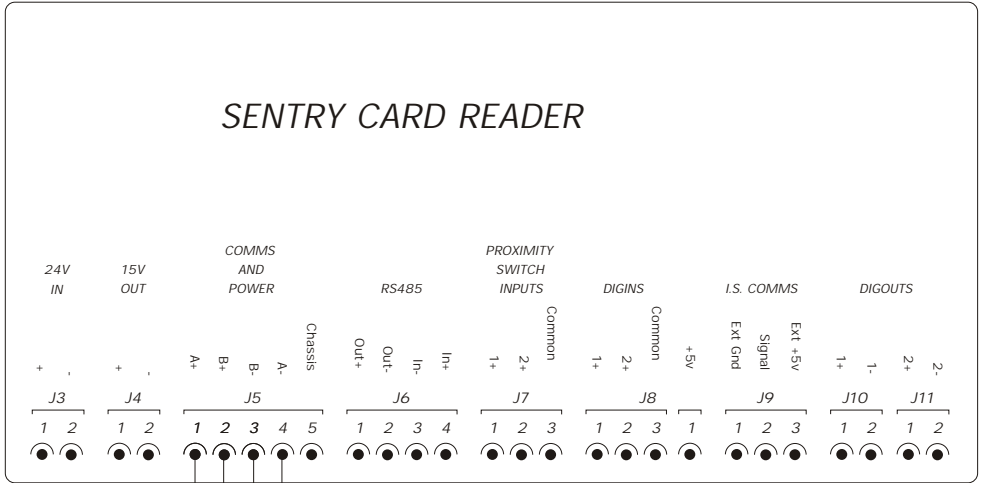
4 CORE or 2 PAIR CABLE



- NOTES:
1. THE RS-485/-422/-232 PORTS ON THE BARRIER ARE GALVANICALLY ISOLATED FROM THE INCOMING 24VDC SUPPLY AND FROM THE INCOMING 24VDC SUPPLY AND FROM THE FOUR IS CONDUCTORS TO THE SENTRY.
  2. NO I.S. EARTH IS REQUIRED.
  3. THE RS-232 AND RS-422 PORTS ARE MUTUALLY EXCLUSIVE.
  4. THE RS-422 TC PORT IS TRI-STATE CONTROLLED.
  5. FOR RS-485 USE, CONNECT THE RS-422 TX PORT TO THE RS-422 RX PORT AND TO THE RS-485 BUS AS SHOWN ON ADDITIONAL SHEETS.
  6. TERMINALS 2,5 AND 11 ARE INTERNALLY CONNECTED.
  7. LINK LK7 MUST BE REMOVED TO ENABLE I.S. COMMUNICATIONS.
  8. LINKS LK8 AND LK9 MUST BE REMOVED FOR IS USE.

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ECN REF	ORIG											
DRAWN	MSC											
CHECKED										MATERIAL	TITLE	SENTRY CARD READER: CONNECTION TO ROO7 BARRIER
APPROVED										SHT 1 OF 1	NOT TO SCALE	CAL No
											REF No	DRG No P174'022'D

SAFE AREA | HAZARD AREA



Tx/Rx FULL-DUPLEX RS422 MULTI-DROP COMMUNICATIONS BUS

RS-422 BUS TO OTHER SENTRY DEVICES

REVISION	0												
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ECN REF	ORIG												
DRAWN	MSC												
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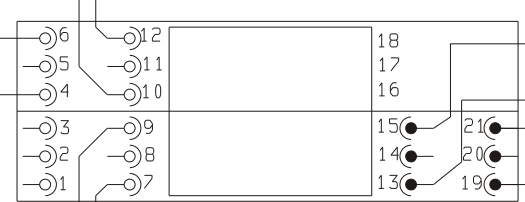
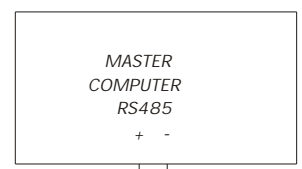
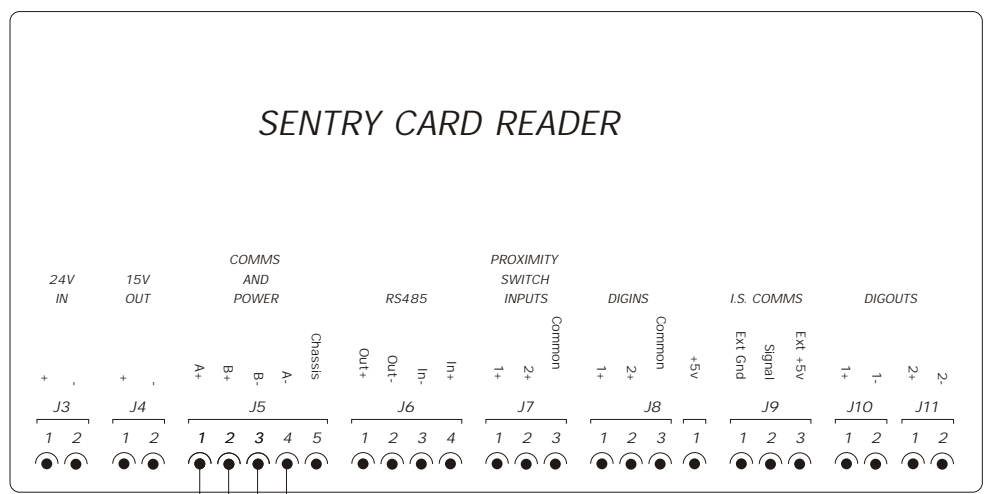
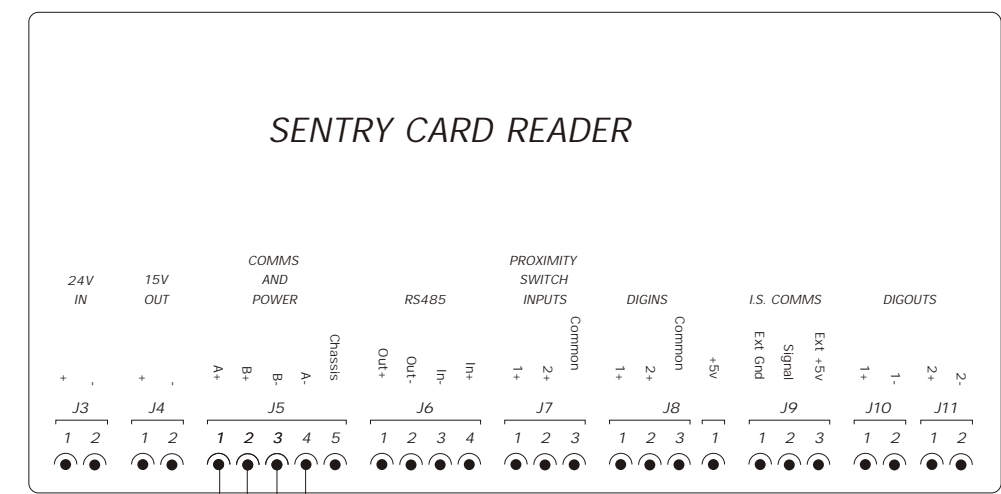
DIMENSIONS IN MILLIMETERS



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MATERIAL	TITLE SENTRY CARD READER: TYPICAL I.S. RS-422 WIRING	
SHT 1 OF 1	NOT TO SCALE	CAL No
REF No	DRG No P174'023'D	

SAFE AREA

HAZARD AREA



Tx/Rx HALF-DUPLEX RS485 MULTI-DROP COMMUNICATIONS BUS

RS-422 BUS TO OTHER SENTRY DEVICES

REVISION																					
DATE	June 21st 2001																				
ECN REF	ORIG																				
DRAWN	MSC																				
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MANUFACTURING

INFORMATION

MATERIAL

SHT 1 OF 1 NOT TO SCALE CAL No

DIMENSIONS IN MILLIMETERS

**DANIEL**

TITLE SENTRY CARD READER: TYPICAL I.S. RS-485 WIRING

REF No DRG No P174'024'D