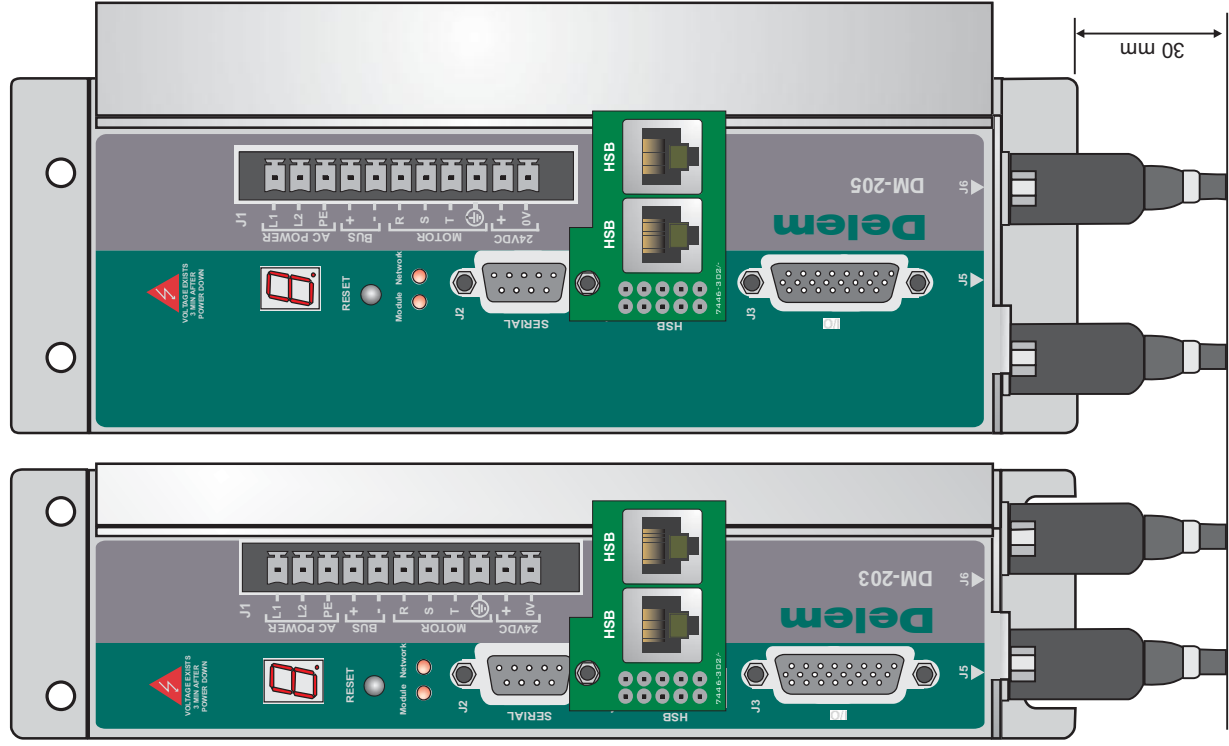


DM-101

DM-102

DM-102VA

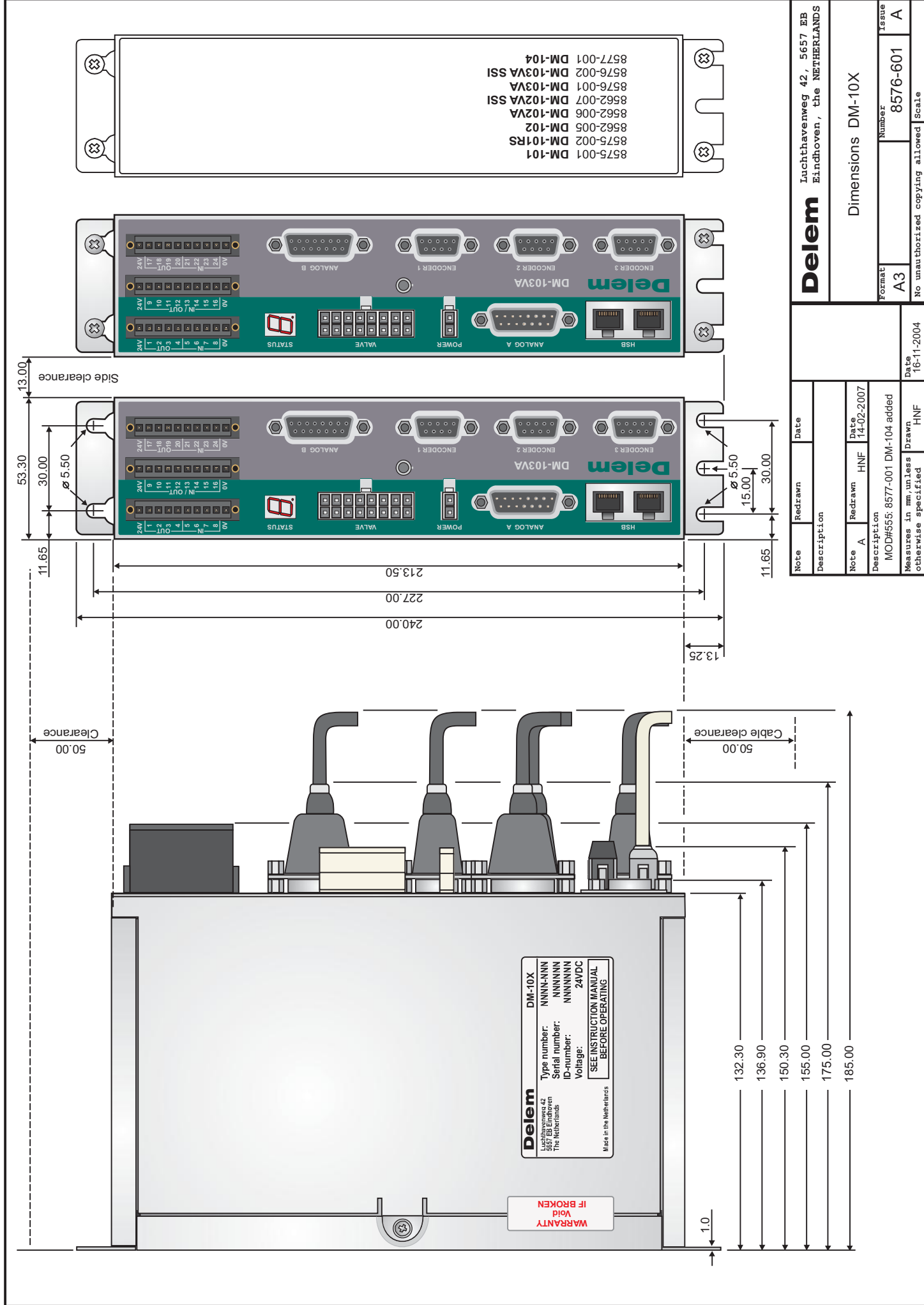
DM-103VA



Note	Redrawn	Date	
Description			
Note	Redrawn	Date	
Description			
Measure in mm, unless otherwise specified	Drawn	HNF	
	Date	07/07/2004	
Format	A3	Number	9084-502
		Scale	-

**Delem** Luchthavenweg 42, 5657 JB Eindhoven, the Netherlands  
 DM-101, 102, 102VA, 103VA  
 DM-203, 205

No unauthorized copying allowed



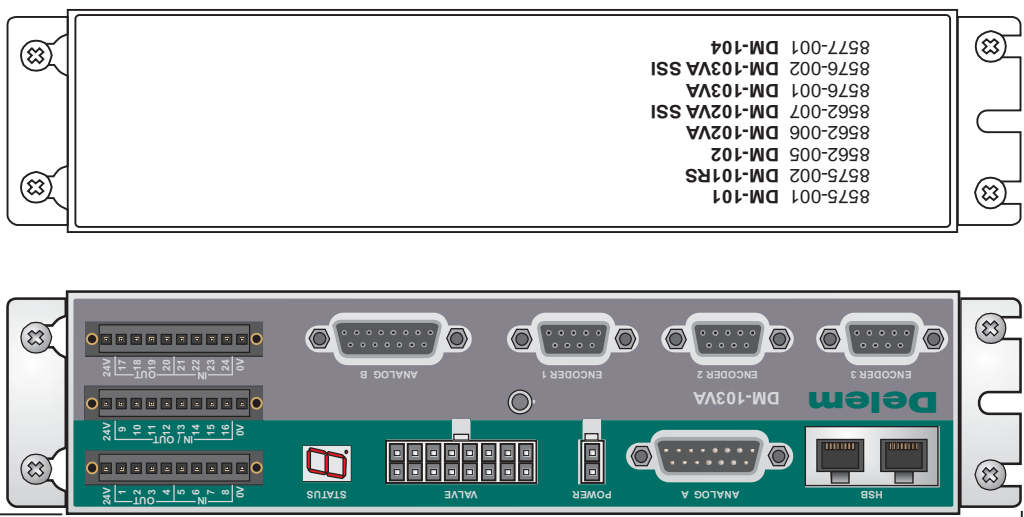
Side clearance  
13.00  
53.30  
30.00  
5.50

Clearance  
50.00

11.65  
240.00  
227.00  
213.50  
13.25

11.65  
15.00  
30.00  
5.50

1.0  
132.30  
136.90  
150.30  
155.00  
175.00  
185.00

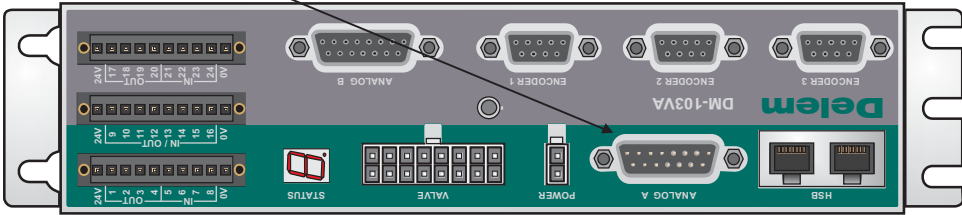
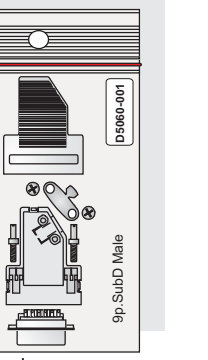
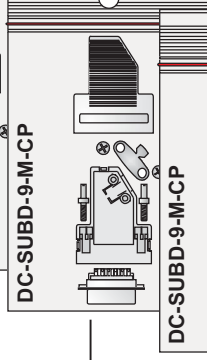
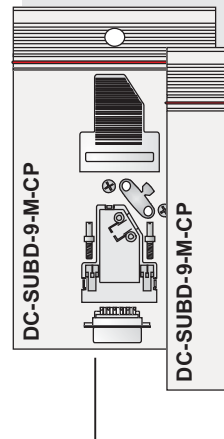
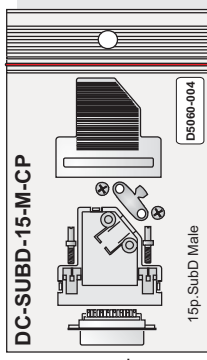
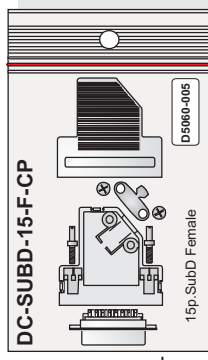
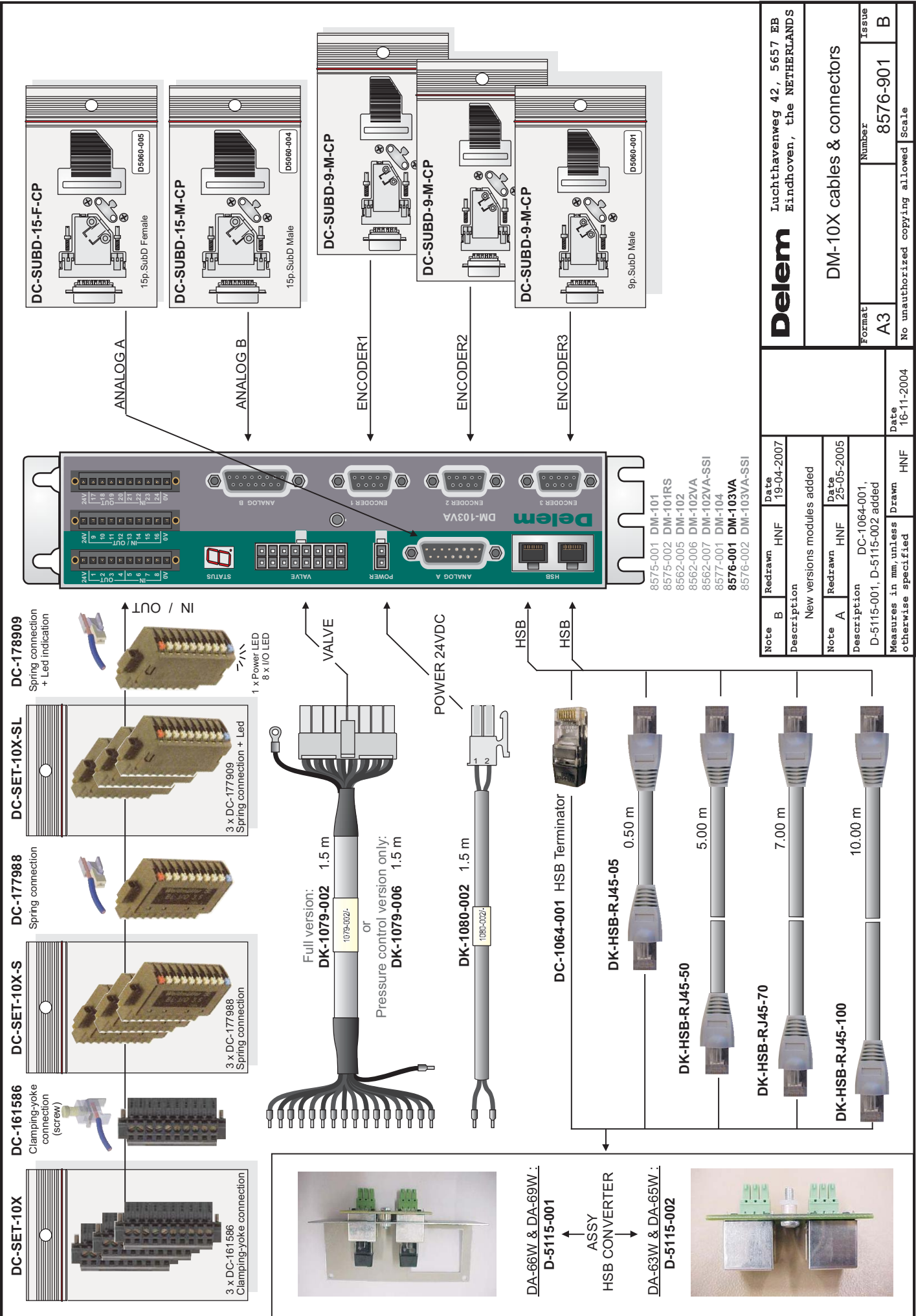


<b>Delem</b> Luchthavenweg 42, 5657 EB Eindhoven, the NETHERLANDS		Dimensions DM-10X	
Note Redrawn Date		Date	
Description		16-11-2004	
Note A Redrawn HNF	Date 14-02-2007	Format A3	Number 8576-601
Description MOD#555: 8577-001 DM-104 added		Issue A	
Measures in mm unless otherwise specified		No unauthorized copying allowed Scale	
Drawn HNF			

**Delem**  
Luchthavenweg 42  
5657 EB Eindhoven  
The Netherlands  
Made in the Netherlands

DM-10X  
Type number: NNNN-NNN  
Serial number: NNNNNN  
ID-number: NNNNNN  
Voltage: 24VDC  
SEE INSTRUCTION MANUAL  
BEFORE OPERATING

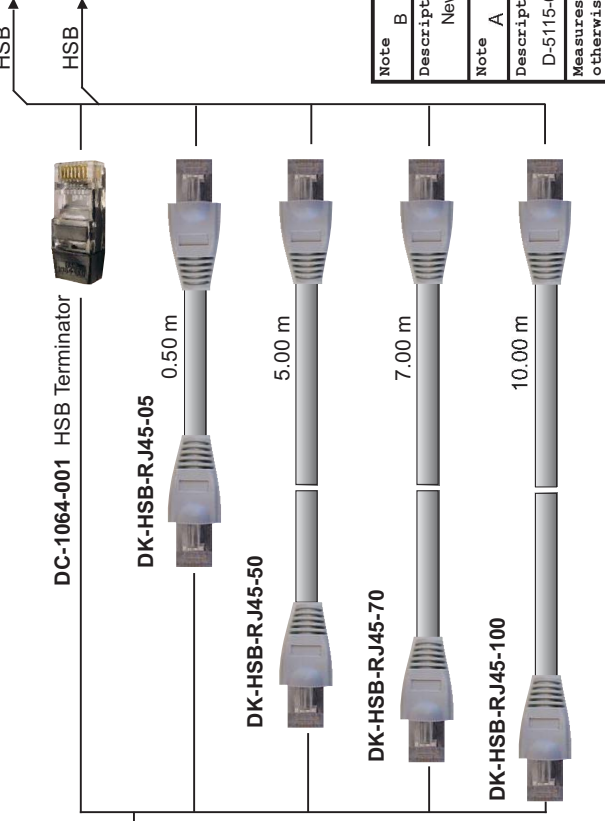
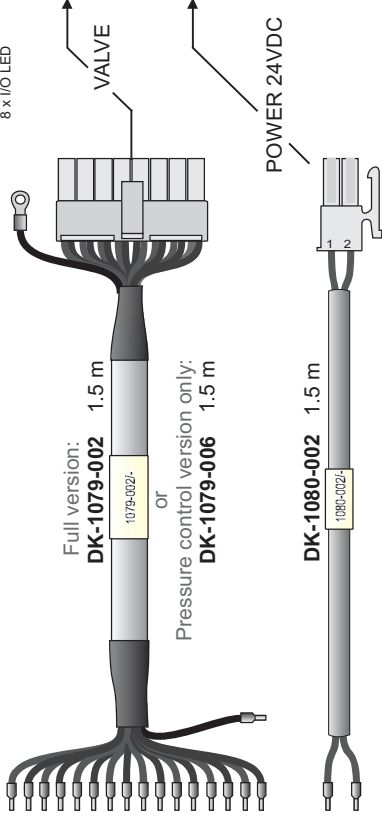
**WARRANTY**  
Void  
IF BROKEN

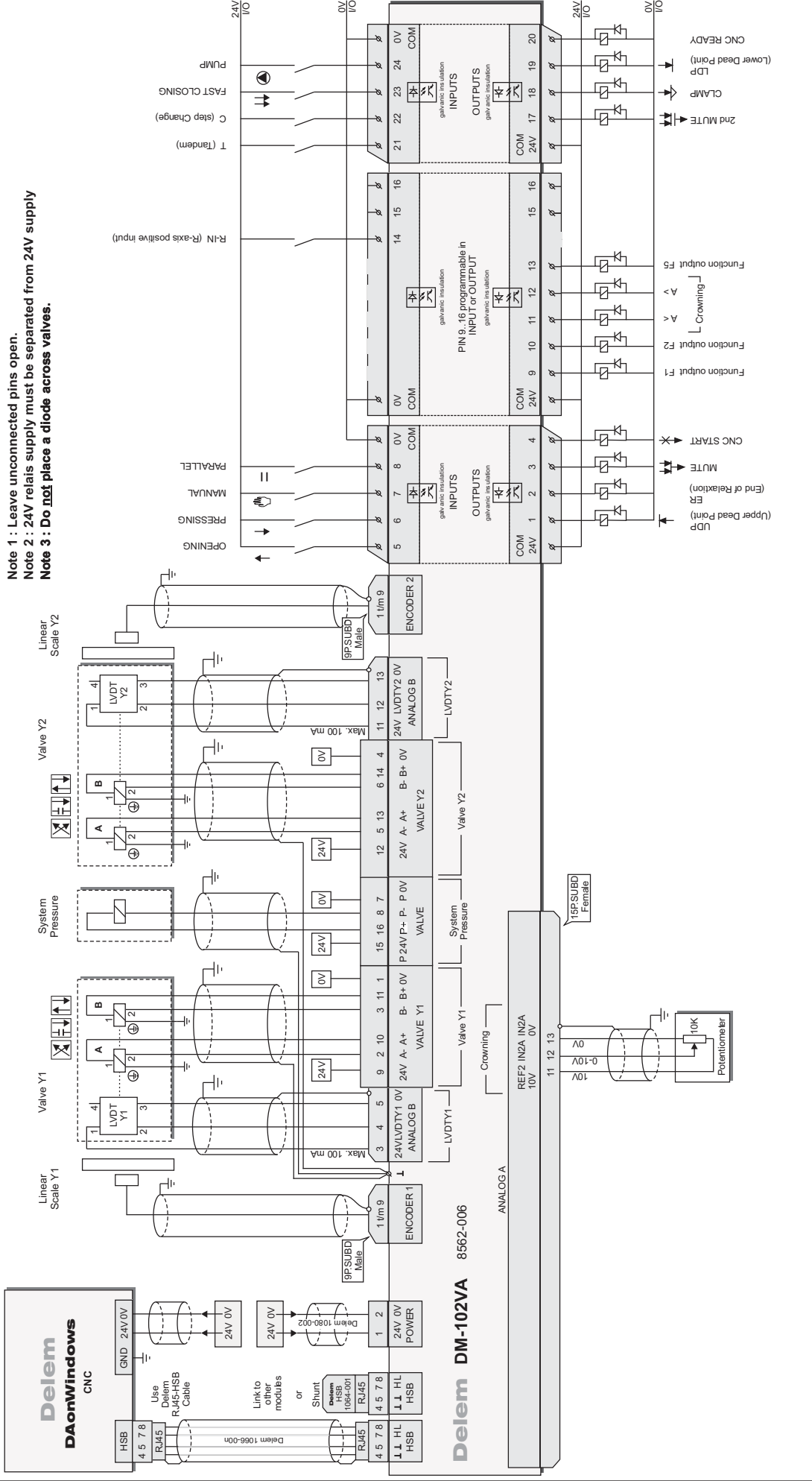


- 8575-001 DM-101
- 8575-002 DM-101RS
- 8562-005 DM-102
- 8562-006 DM-102VA
- 8562-007 DM-102VA-SSI
- 8577-001 DM-104
- 8576-001 DM-103VA**
- 8576-002 DM-103VA-SSI

<b>Note B</b>	Redrawn	HNF	Date	19-04-2007
<b>Description</b> New versions modules added				
<b>Note A</b>	Redrawn	HNF	Date	23-05-2005
<b>Description</b> DC-1064-001, D-5115-001, D-5115-002 added				
<b>Measures in mm, unless otherwise specified</b>				
Drawn			HNF	Date
16-11-2004				
<b>Delem</b> Luchtavenweg 42, 5657 EB Eindhoven, the NETHERLANDS				
<b>DM-10X cables &amp; connectors</b>				
<b>Format</b>	<b>Number</b>	<b>Issue</b>		
A3	8576-901	B		
No unauthorized copying allowed Scale				

- DC-SET-10X**  
3 x DC-161586  
Clamping-yoke connection
- DC-161586**  
Clamping-yoke connection (screw)
- DC-SET-10X-S**  
3 x DC-177988  
Spring connection
- DC-177988**  
Spring connection
- DC-SET-10X-SL**  
3 x DC-177909  
Spring connection + Led
- DC-178909**  
Spring connection + Led indication





**Delem DM-102VA**

See drawing 8576-601 for module dimensions & montage

**Delem** Luchthavenweg 42, 5657 JB Eindhoven, the Netherlands

Example connections: P, Y1, Y2, Crowding

Note	Redrawn	Date	
Description	Redrawn	Date	
Measure in mm unless otherwise specified	in mm unless otherwise specified	Drawn	HNF
Date	07-12-2004		
Format	A3	Page	1 / 1
Number	8562-101	Scale	-

**ANALOG B**  
15 POLE FEMALE

1	Y1 -12V
2	Y1 +12V
3	Y1 24V Max.100mA
4	Y1 LVDT
5	Y1 0V
6	Y1 +10V
7	P 0V
8	P 0-10V
9	Y2 -12V
10	Y2 +12V
11	Y2 24V Max.100mA
12	Y2 LVDT
13	Y2 0V
14	Y2 +10V
15	N.C.

**ENCODER**  
9 POLE FEMALE

1	T0 (REF)	12VSE	T0	5VDE	T0
2	T2 (B)	T2	T2	T2	T2
3	T1 (A)	+12V	T1	T1	T1
4	+12V	GND	GND	GND	GND
5	GND	+12V	T0	+5V	+5V
6	T0 (REF)	GND	T0	+5V	+5V
7	T2 (B)	T2	T2		
8	T1 (A)	T1	T1		
9	+5V				

In case of 12VSE bridge pins 6,7,8 and 9

**VALVE**  
16 POLE MALE

1	Y1 0V
2	Y1 A-
3	Y1 B-
4	Y2 0V
5	Y2 A-
6	Y2 B-
7	P 0V
8	P 0V
9	Y1 24V
10	Y1 A+
11	Y1 B+
12	Y2 24V
13	Y2 A+
14	Y2 B+
15	P 24V
16	P +

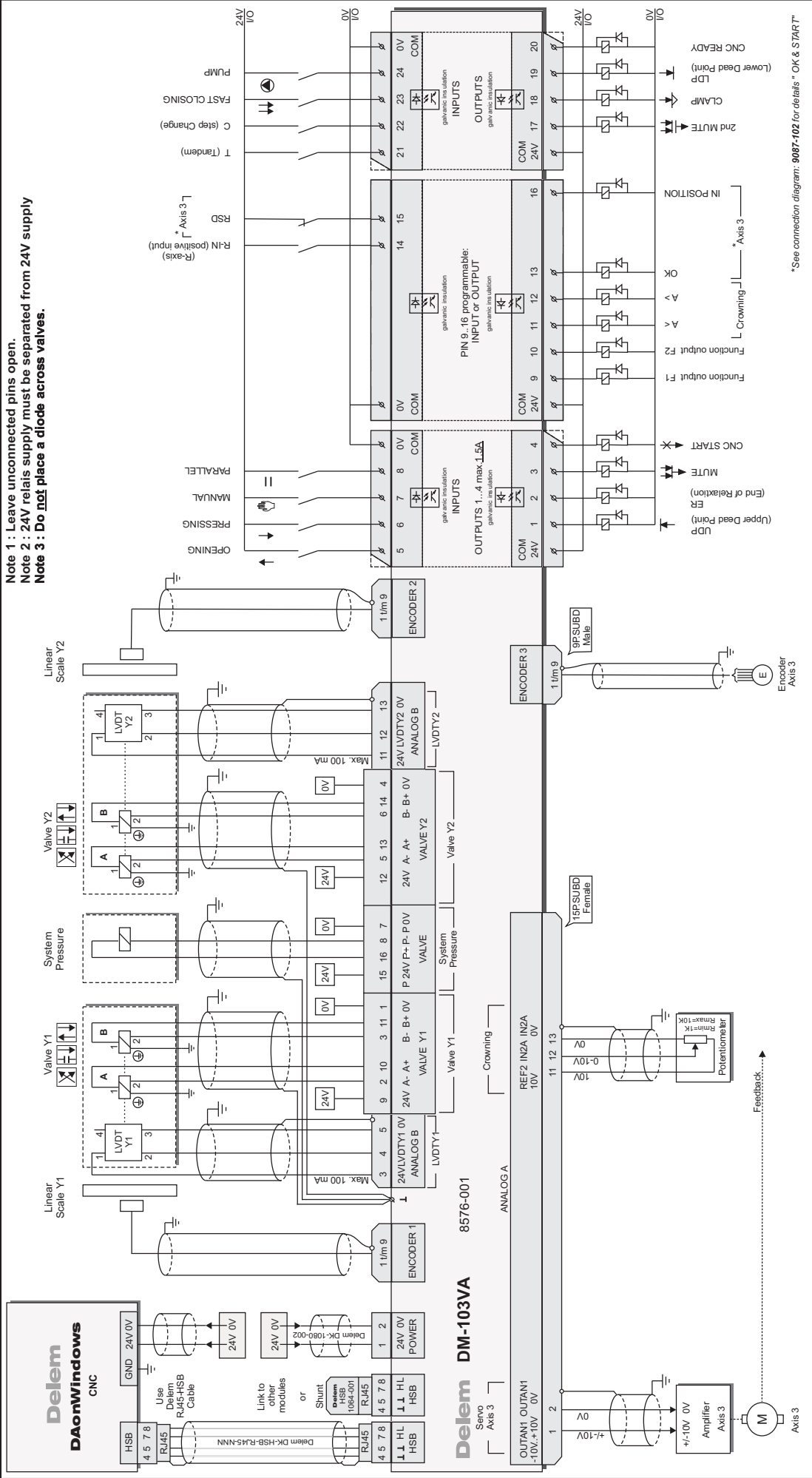
**POWER**  
2 POLE MALE

1	+ 24VDC
2	0V

**ANALOG A**  
15 POLE MALE

1	OUTA1 -10V...+10V
2	OUTA1 0V
3	REF1 10V
4	IN1A
5	IN1A 0V
6	IN1B
7	IN1B 0V
8	N.C.
9	OUTA2 -10V...+10V
10	OUTA2 0V
11	REF2 10V
12	IN2A
13	IN2A 0V
14	IN2B
15	IN2B 0V

**Note 1 :** Leave unconnected pins open.  
**Note 2 :** 24V relays supply must be separated from 24V supply  
**Note 3 :** Do not place a diode across valves.

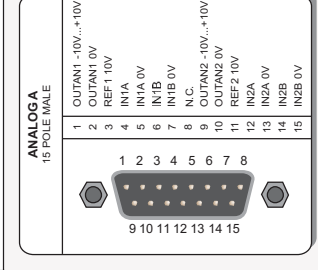
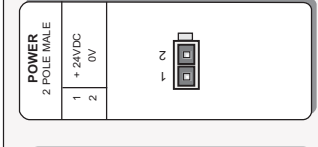
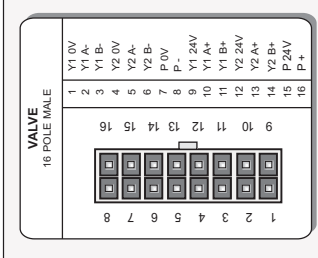
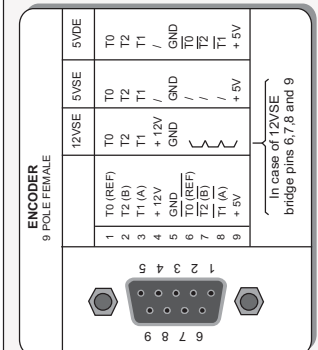
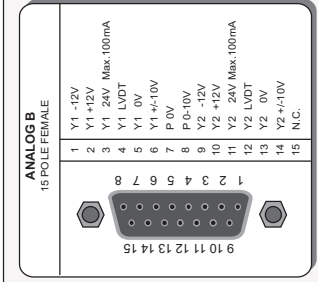


**Delem** Tuchtshavenweg 42, 5657 JB Eindhoven, the Netherlands  
Example connections: Servo 3, Crowning, P, Y1, Y2, Servo 3, Crowning

Ref: 8087-102 details "OK & START" added  
Date: 16-12-2005  
Drawn: HNF  
Checked: HNF  
Rev: A

Page 1 / 1  
8576-101

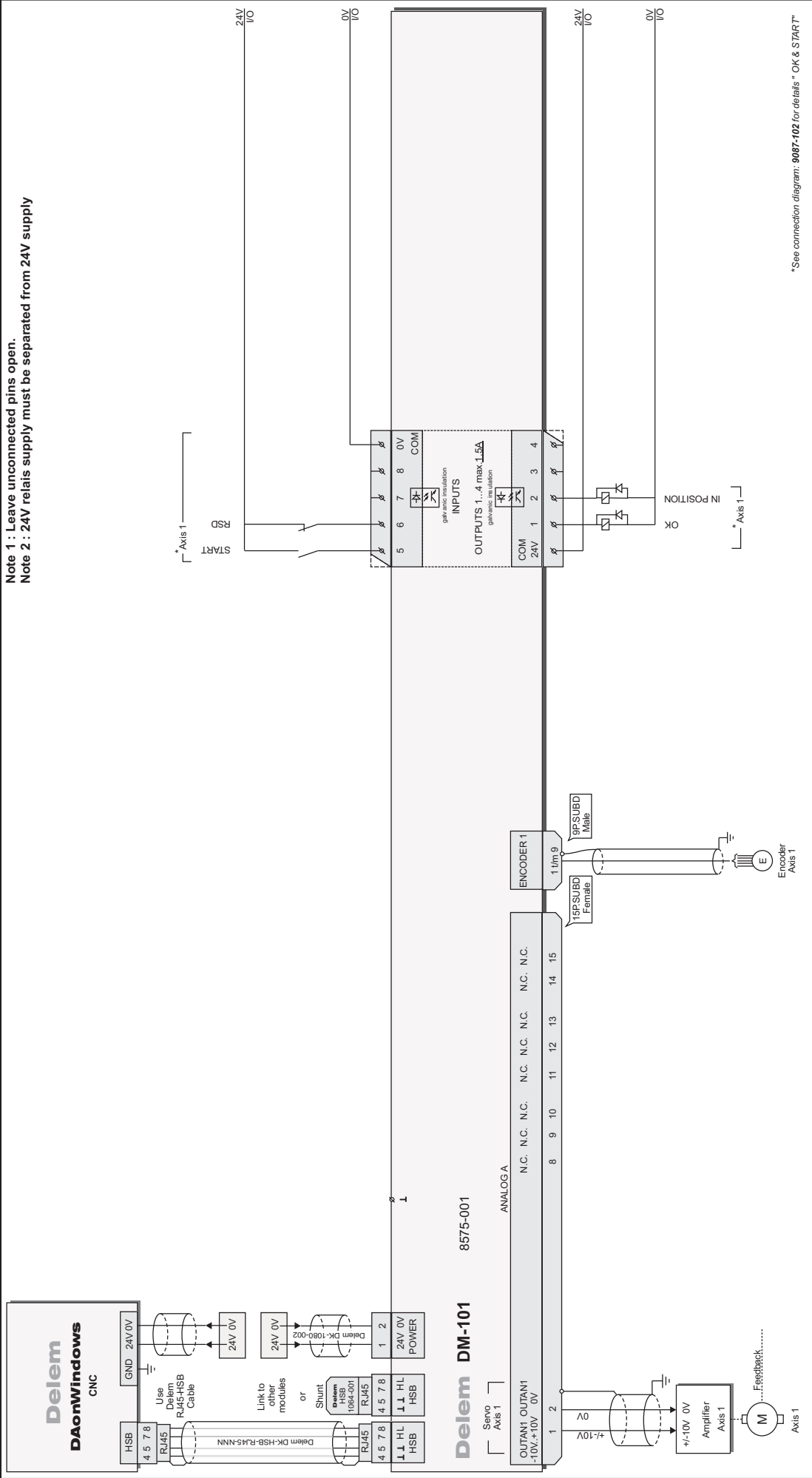
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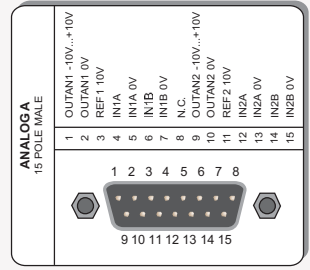
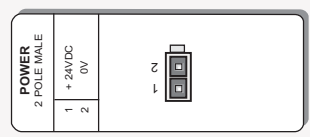
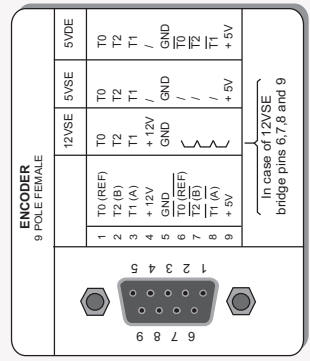
**Note 1 :** Leave unconnected pins open.  
**Note 2 :** 24V relais supply must be separated from 24V supply  
**Note 3 :** Do not place a diode across valves.

\*See connection diagram: 9087-102 for details " OK & START"

Note 1 : Leave unconnected pins open.  
 Note 2 : 24V relays supply must be separated from 24V supply



\*See connection diagram: 9087-102 for details \* OK & START \*



See drawing 8575-601 for module dimensions & mounting instructions.

Drawn	Date	Description
HNF	01-03-2007	A
HNF	01-03-2007	A

Ref:9087-102 details OK & START added  
 Measure in mm unless drawn otherwise specified

Format	Page	Number	Scale
A3	1 / 1	8575-101	A

Example connections:  
 Servo 1,

