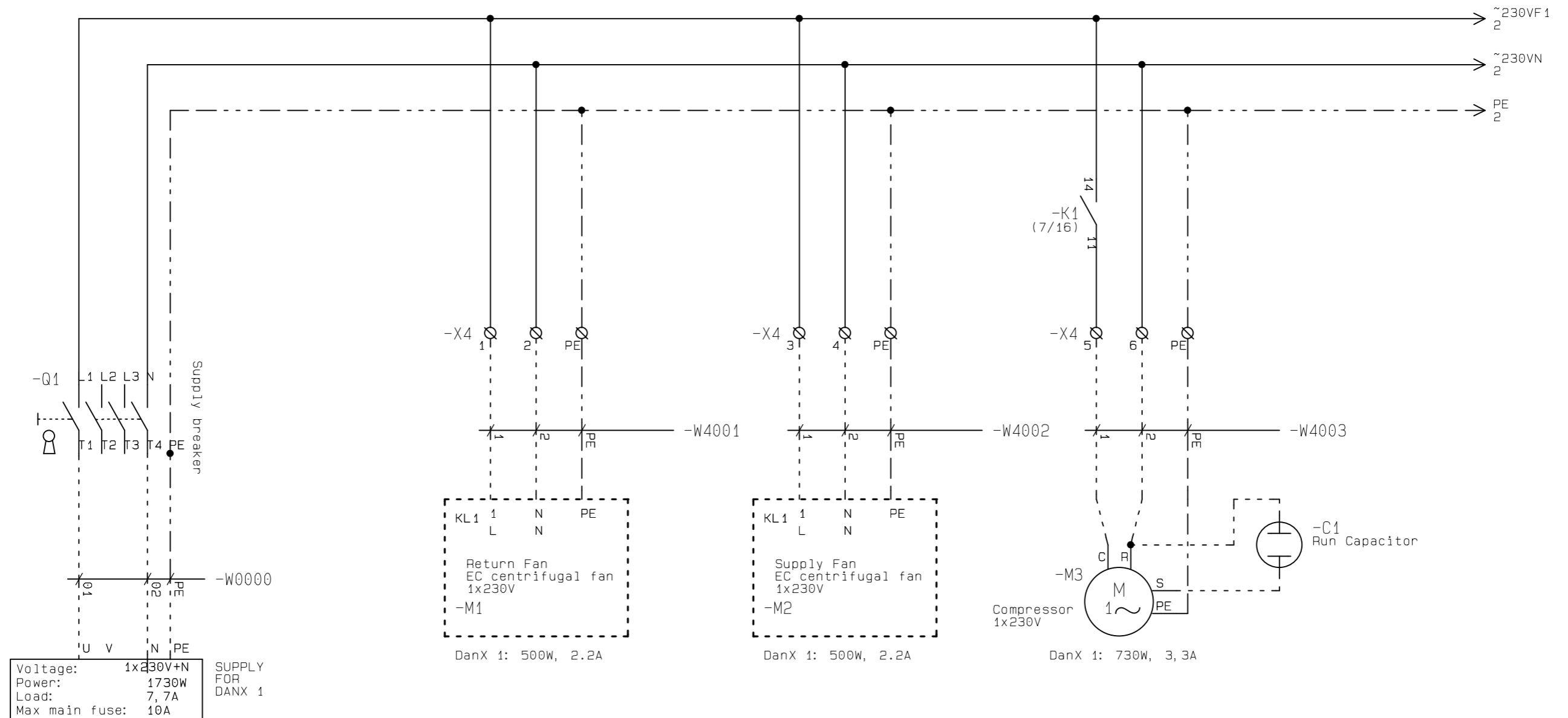


# Dantherm

## DanX 1 HP

### MVC80

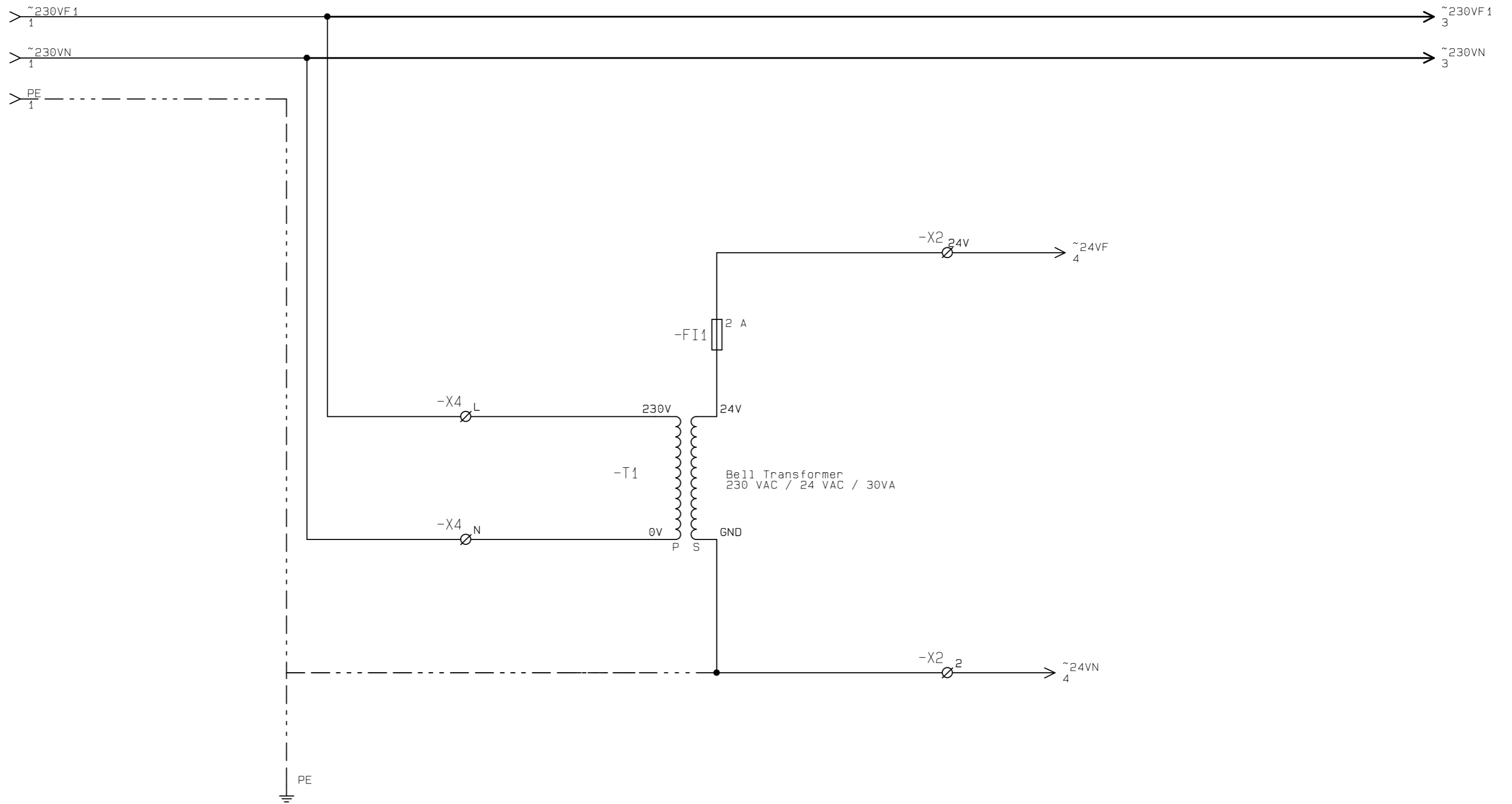
Rev.	Tekst	Dato	Init.



The control panel is built so that it is possible to protect against indirect contact by neutralisation. If there is no TN net used at the place of installation and there is a subsequent demand for supplementary protection against indirect contact, the extra protection is to be established in the supply board. If a TT net is used and the supplementary protection works through failure relay, it must be considered when choosing the failure relay whether the control board is supposed to provide a frequency transformer.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

Overload protection for this control panel must be established before this control panel!



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

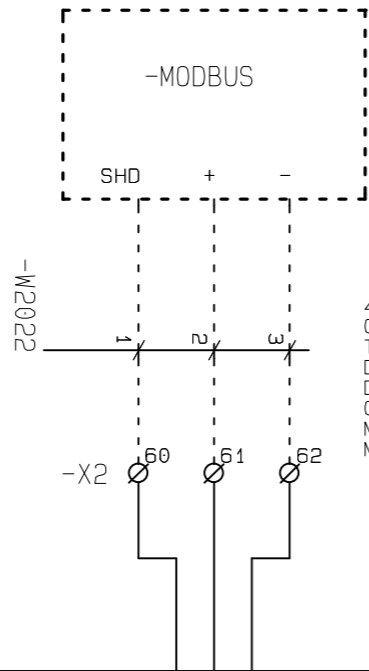
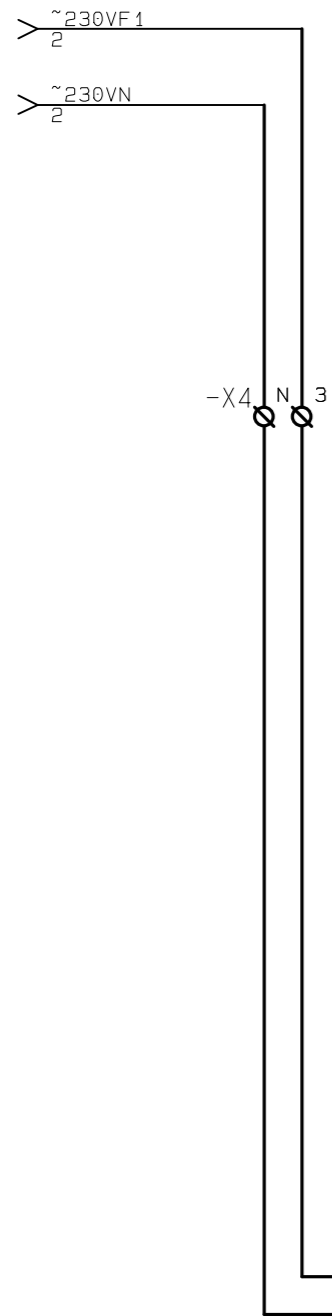


Kunde: Dantherm  
Sidetitel: Transformer  
Projektitel: DanX 1 HP MVC80  
Konstruktør: AN

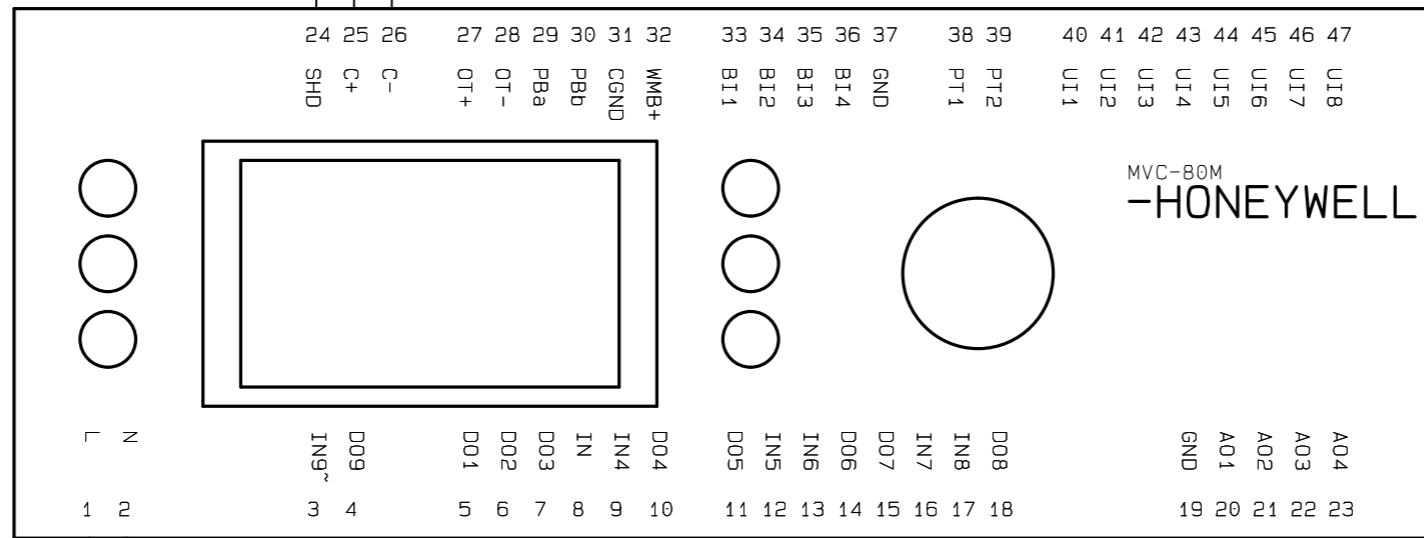
Kundenr.:  
Testet af:

Revision: 03  
Siderevision:  
Udskrevet: 12-02-2018  
Sidst ændret: 15-09-2016

Ordrenr.:  
**094077**  
Side: 2 af 12



40 m. max. cable length  
 Communication rates of 9.6, 19.2, 38.4, 57.6, 76.8 and 115.2 kBaud  
 Telephone cable or better  
 D1 = terminal 25 (C+)  
 D0 = terminal 26 (C-)  
 Common = terminal 24 (SHD)  
 Modbus is line-polarized (4.75 kOhm pull-up / pull-down)  
 Modbus termination resistor is not applied

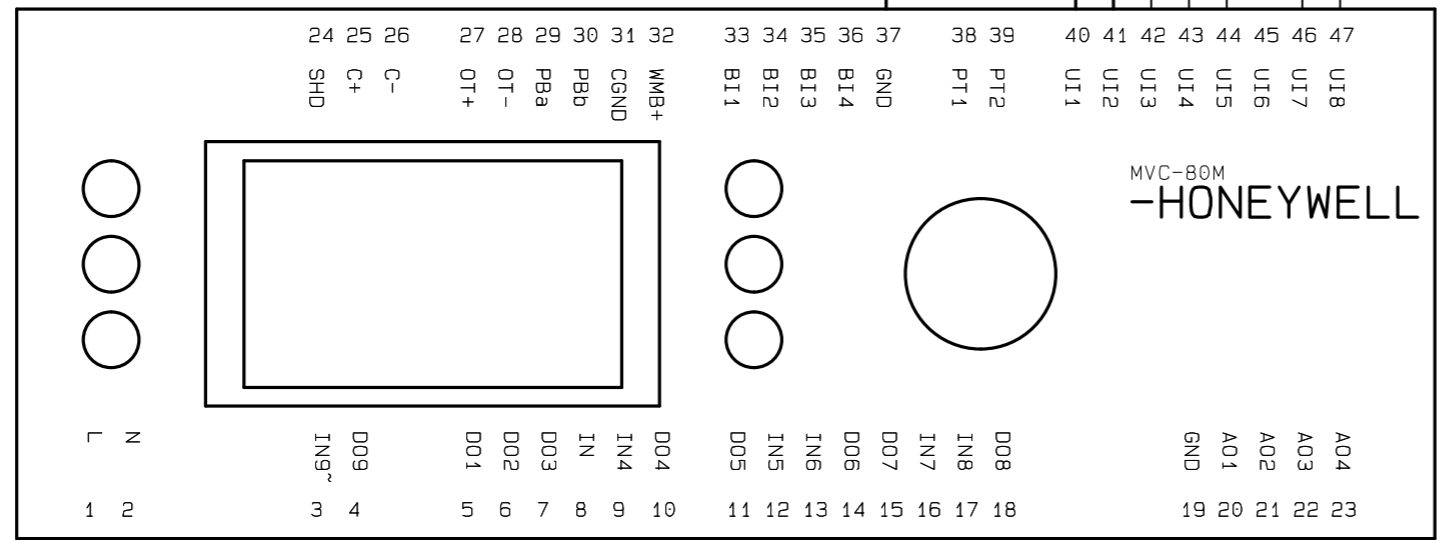
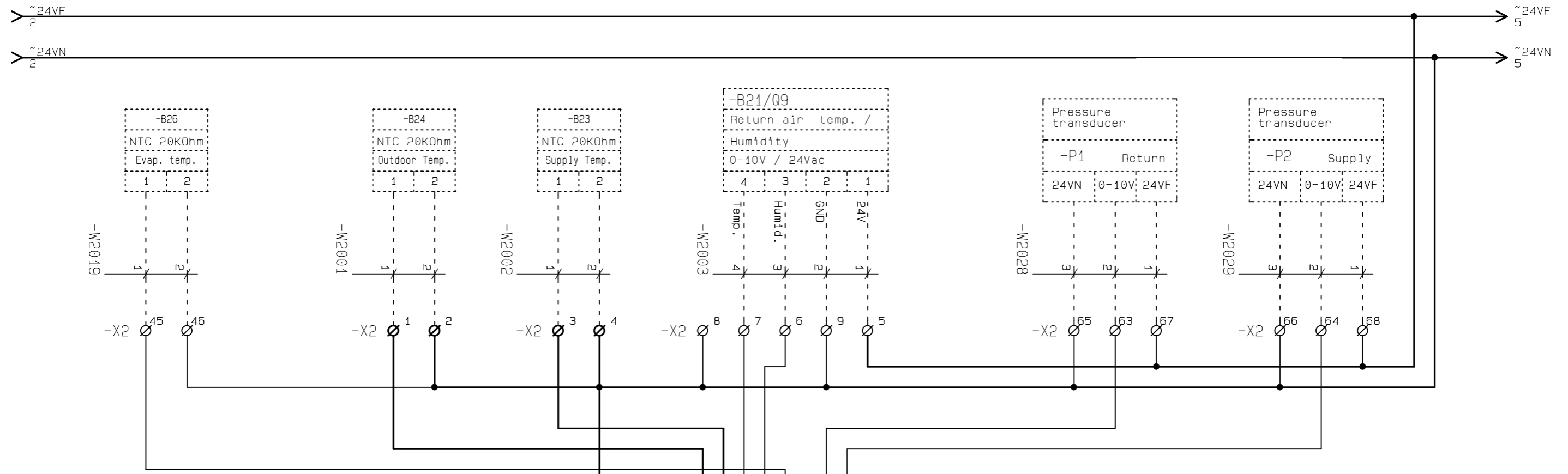


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37



Kunde:	Dantherm	Kundenr.:	
Sidetitel:	Controller Supply	Revision:	03
Projekttitel:	DanX 1 HP MVC80	Siderevision:	
Konstruktør:	AN	Udskrevet:	12-02-2018
Montør:		Sidst ændret:	15-09-2016
Testet af:			

Ordnernr.:	094077
Side:	3 af 12



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

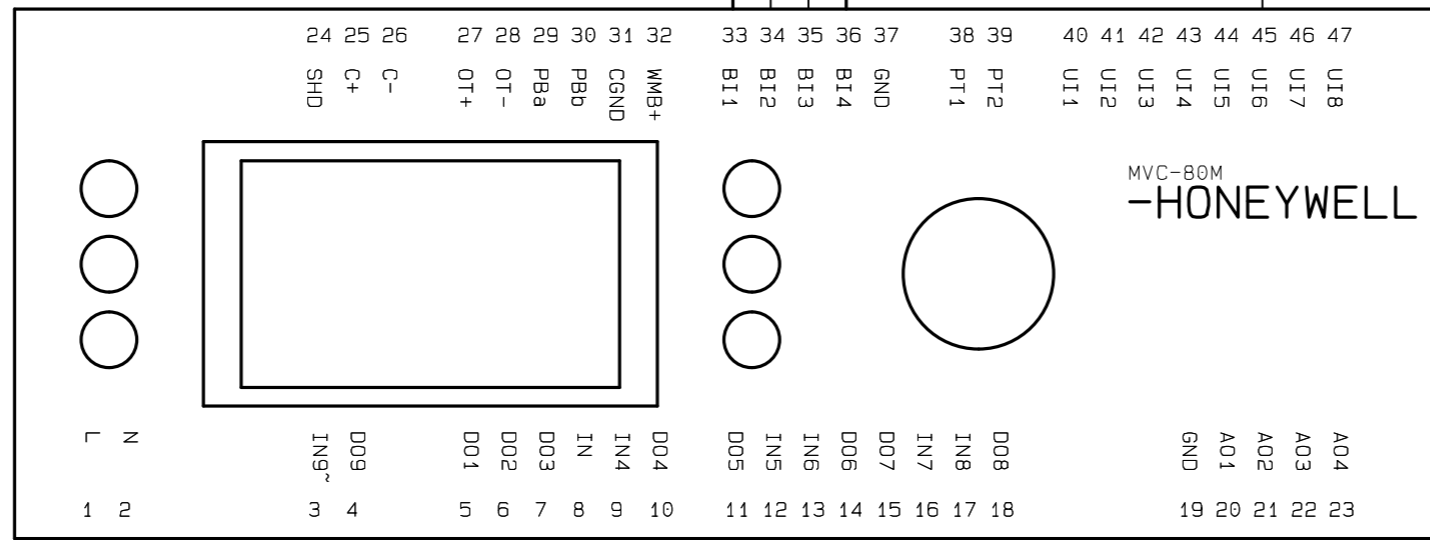
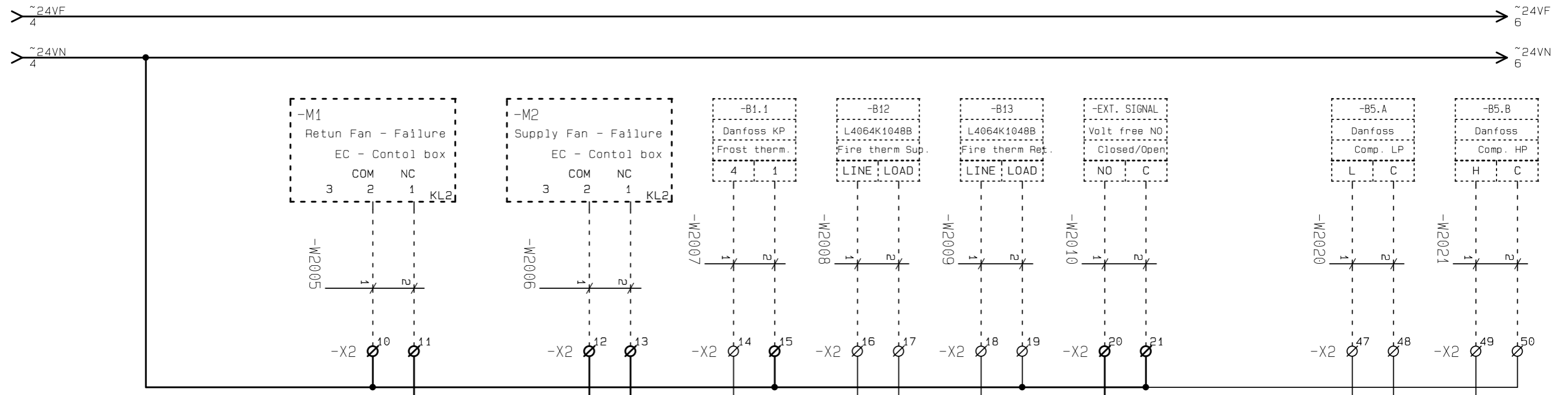


Kunde: Dantherm  
 Sidetitel: Analog Inputs  
 Projekt titel: DanX 1 HP MVC80  
 Konstruktør: AN

Kundenr.:  
 Testet af:

Revision: 03  
 Siderevision:  
 Udskrevet: 12-02-2018  
 Sidst ændret: 12-02-2018

Ordrenr.:  
 094077  
 Side: 4 af 12



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

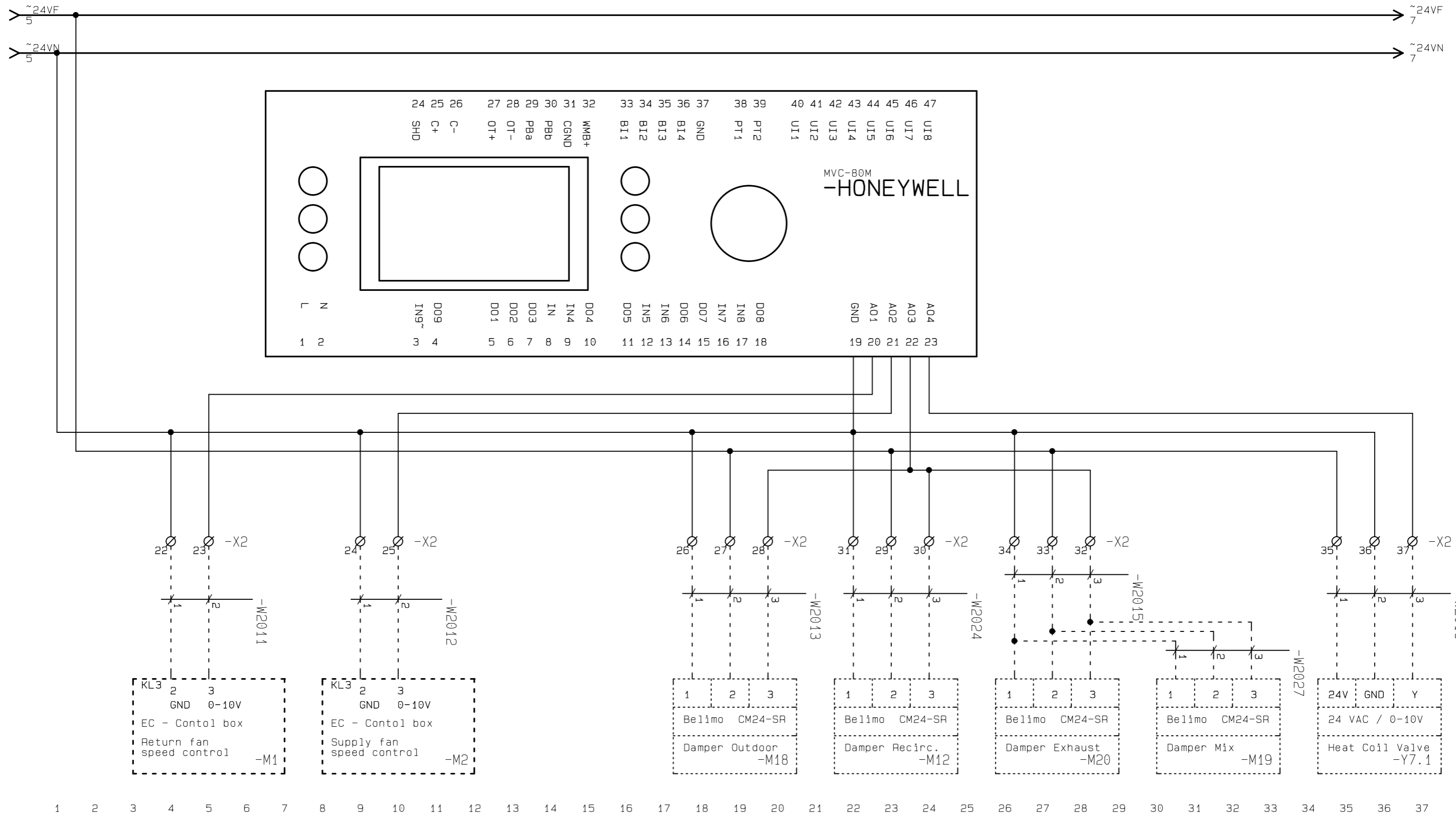


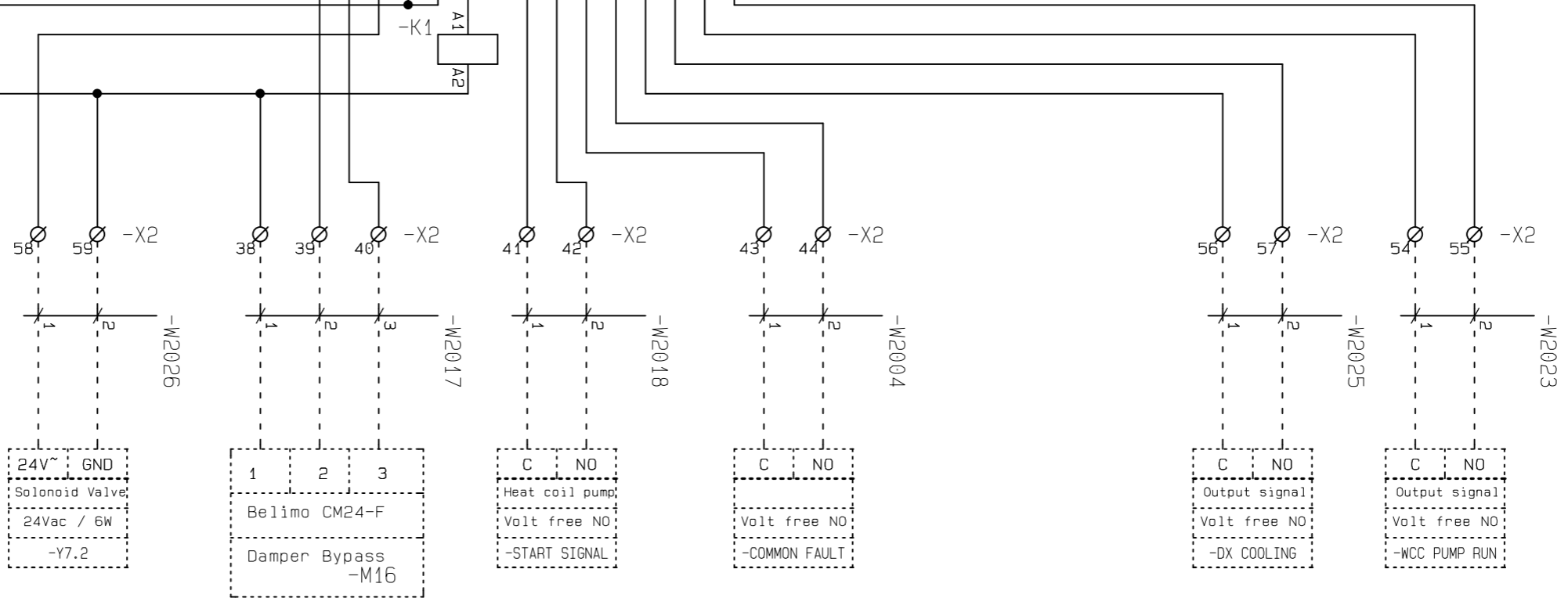
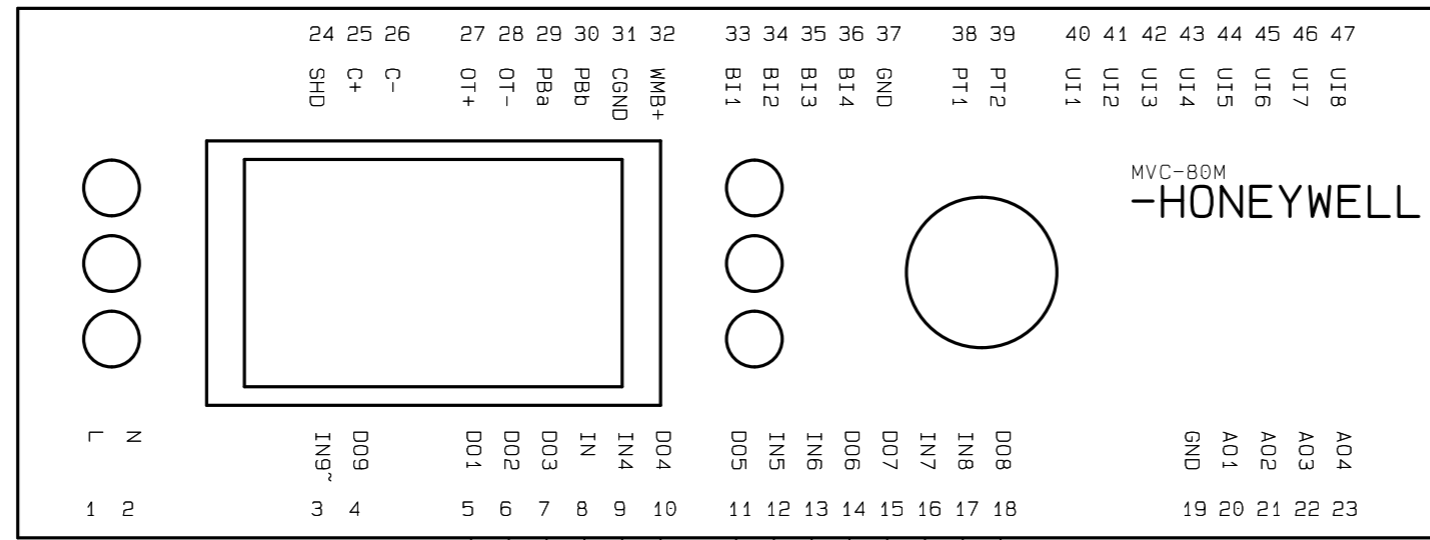
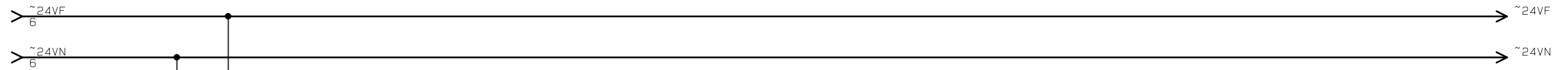
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Sidetitel:	Digital Inputs
Projekt titel:	DanX 1 HP MVC80
Konstruktør:	AN
Montør:	

Kundenr.:	
Testet af:	

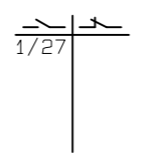
Revision:	03
Siderevision:	
Udskrevet:	12-02-2018
Sidst ændret:	22-07-2016

Ordrenr.:	094077
Side:	5 af 12





1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37



**INSIGHT**  
 Building Automation  
 Højbovej 1 F, DK - 8600 Silkeborg  
 Tel. +45 87 70 22 80 Fax. +45 87 20 07 85

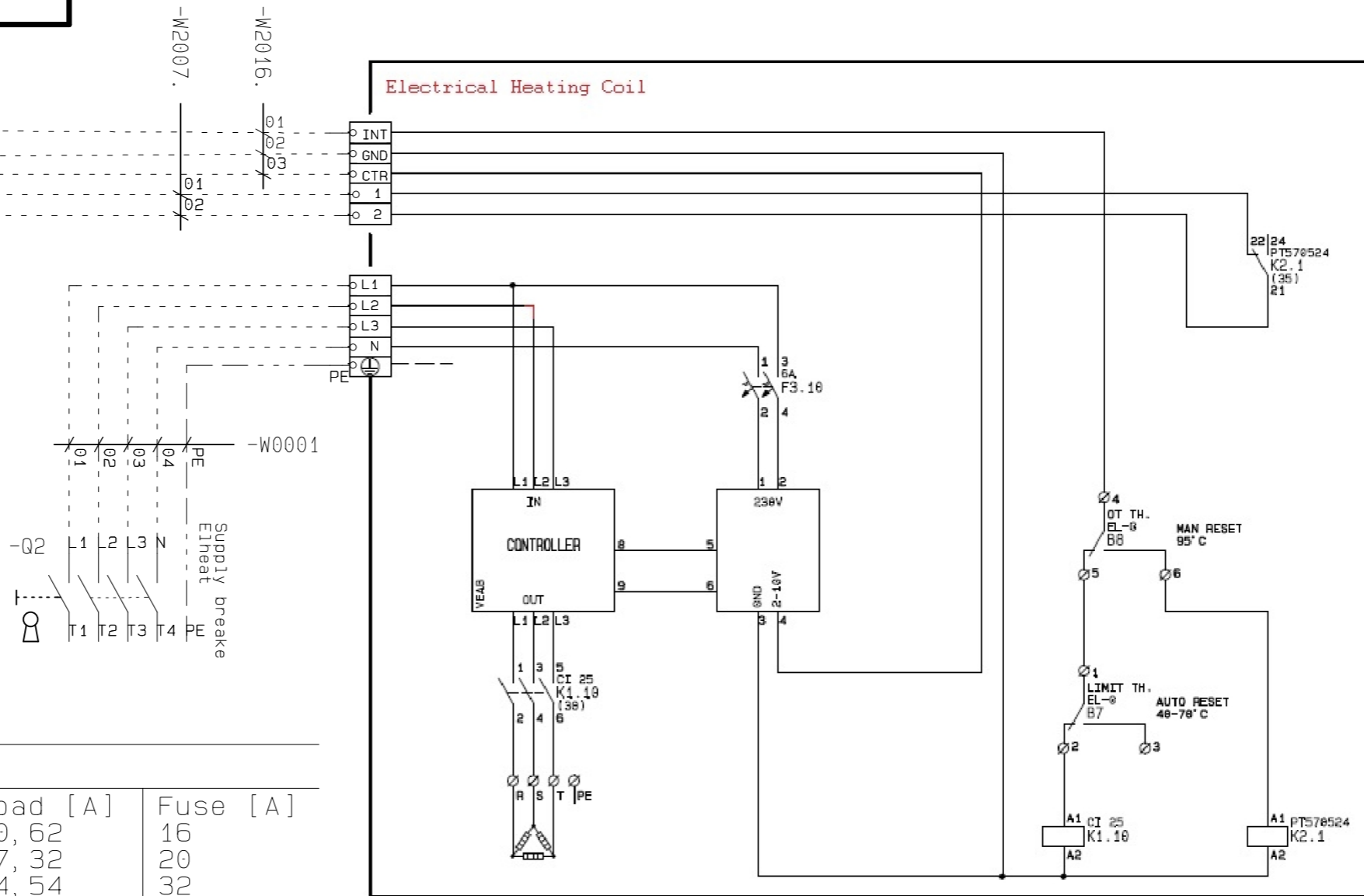
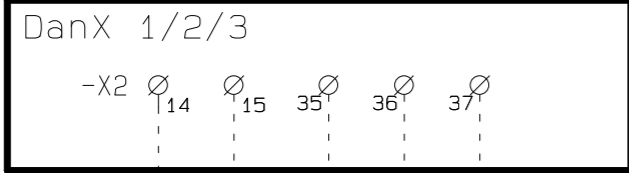
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Sidetitel:	Digital Outputs
Projekt titel:	DanX 1 HP MVC80
Konstruktør:	AN
Montør:	

Kundenr.:	
Testet af:	

Revision:	03
Siderevision:	
Udskrevet:	12-02-2018
Sidst ændret:	05-07-2016

Ordrenr.:	094077
Side:	7 af 12





Power [kW]	Load [A]	Fuse [A]
7,5	10,62	16
12	17,32	20
17	24,54	32

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37



Kunde: Dantherm  
Sidetitel: Digital Outputs  
Projekt titel: DanX 1 HP MVC80  
Konstruktør: AN  
Montør:

Kundenr.:  
Testet af:

Revision: 03  
Siderevision:  
Udskrevet: 12-02-2018  
Sidst ændret: 22-07-2016

Ordrenr.:  
094077  
Side: 8 af 12

# INSIGHT

## Building Automation ApS

Cables / External connections

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



**INSIGHT**  
Building Automation

Højbovej 1 F, DK - 8600 Silkeborg  
Tel. +45 87 70 22 80 Fax. +45 87 20 07 85

Kunde: Dantherm

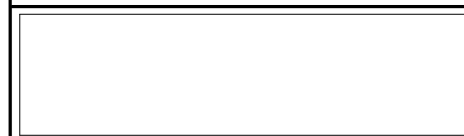
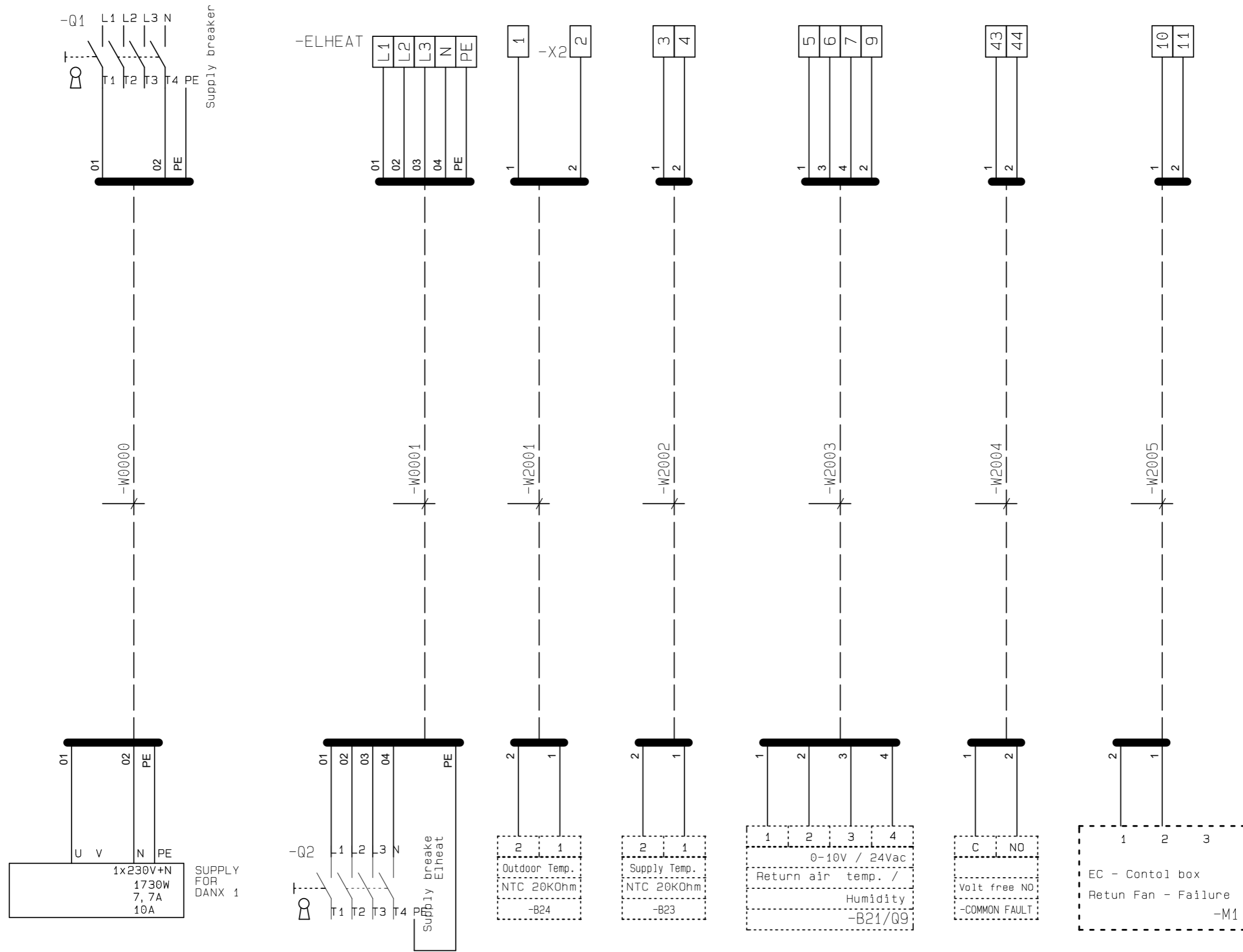
Projekttitlel: DanX 1 HP MVC80

Udskrevet: 12-02-2018

Sidst ændret: 25-05-2011

Ordrenr.:

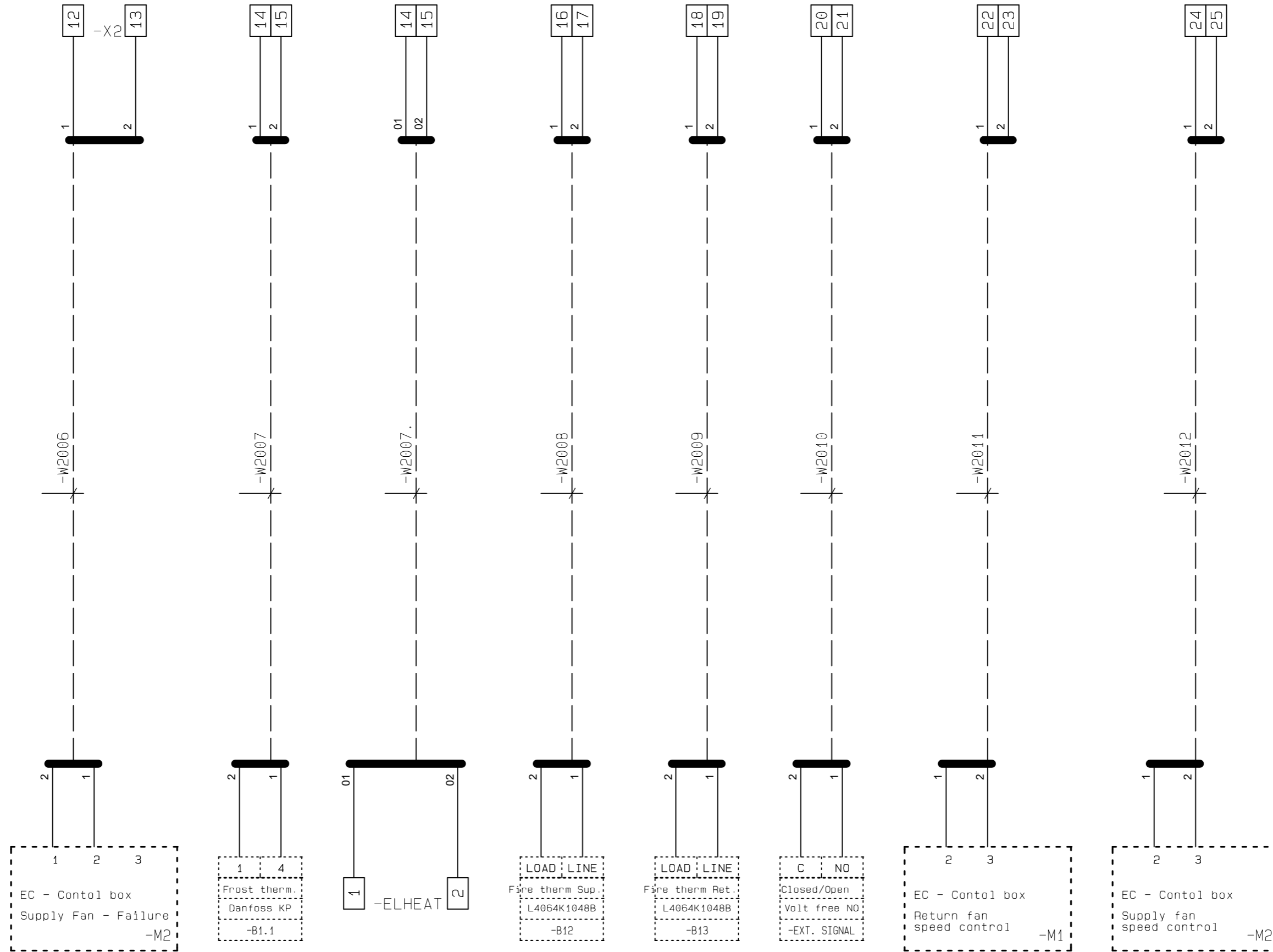
094077



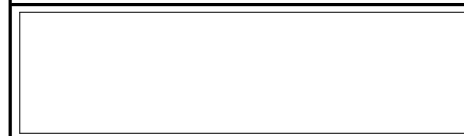
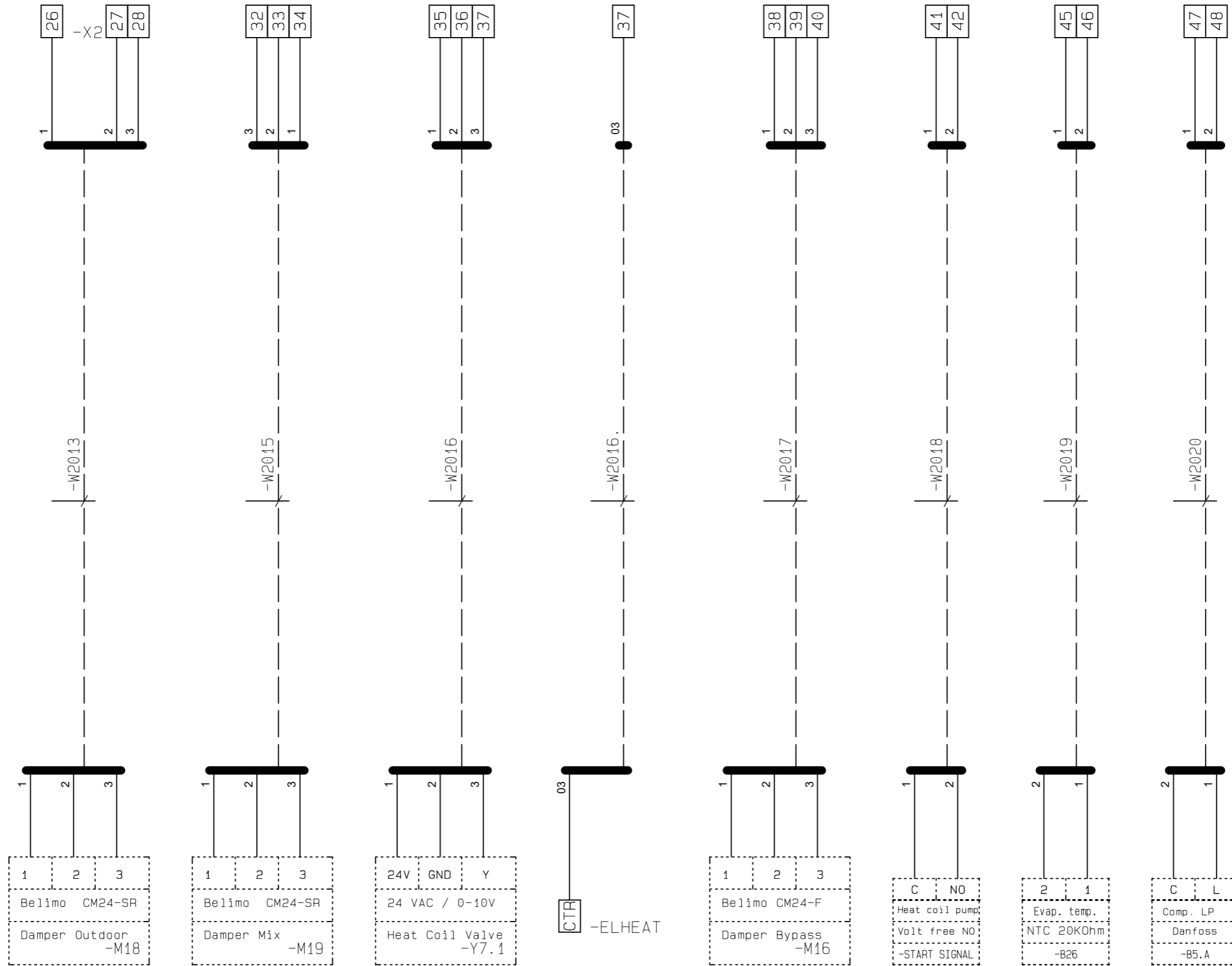
Kunde: Dantherm

Projekt titel:
Sidetitel: -W0000
Sidst udskrevet: 12-02-2018
Sidst ændret: 12-02-2018

Sags nr:
Rev.: 03
Ref.:
Side 8 af 12

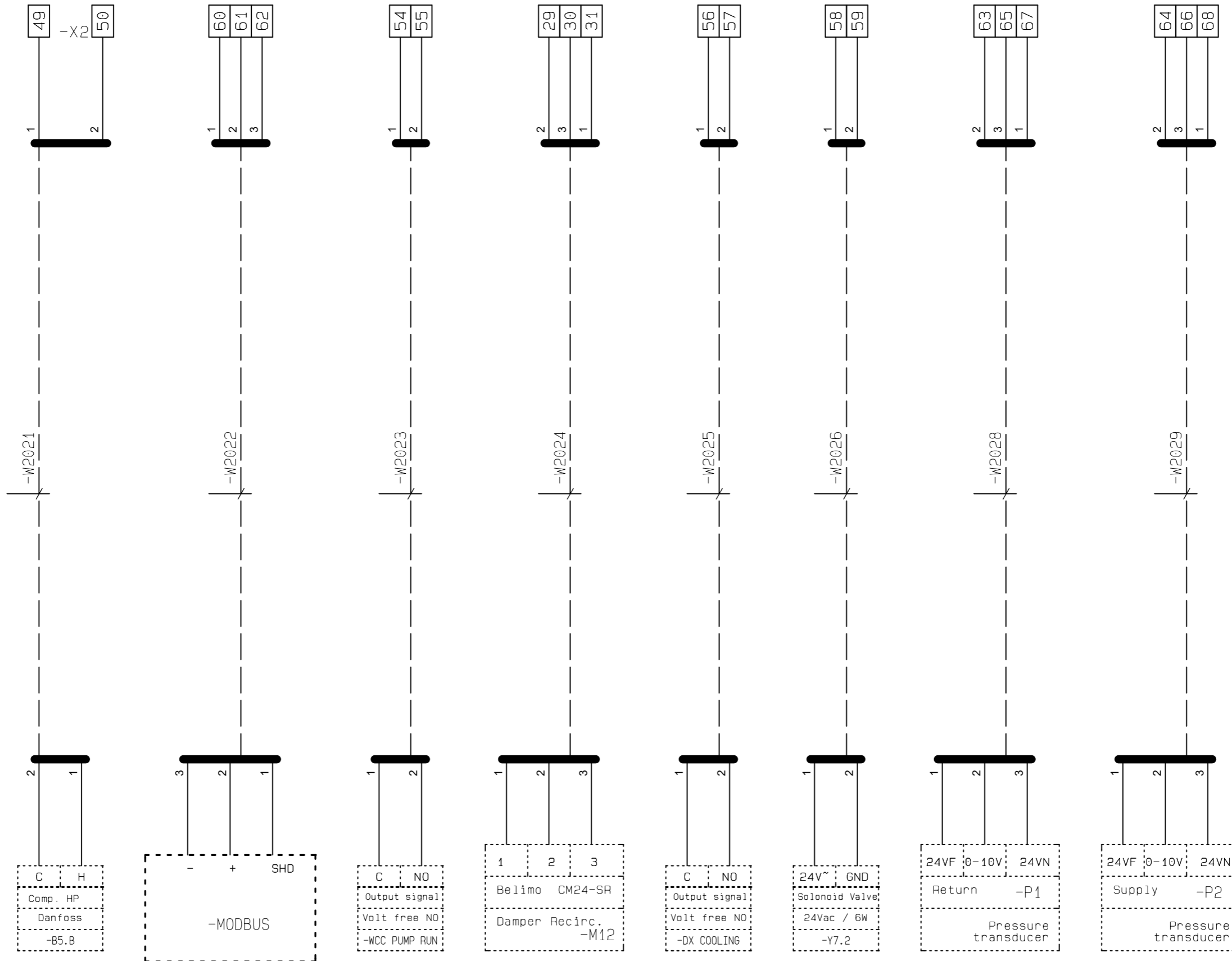


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		Sidst udskrevet: 12-02-2018	Ref.:
		Sidst ændret: 12-02-2018	Side 9 af 12

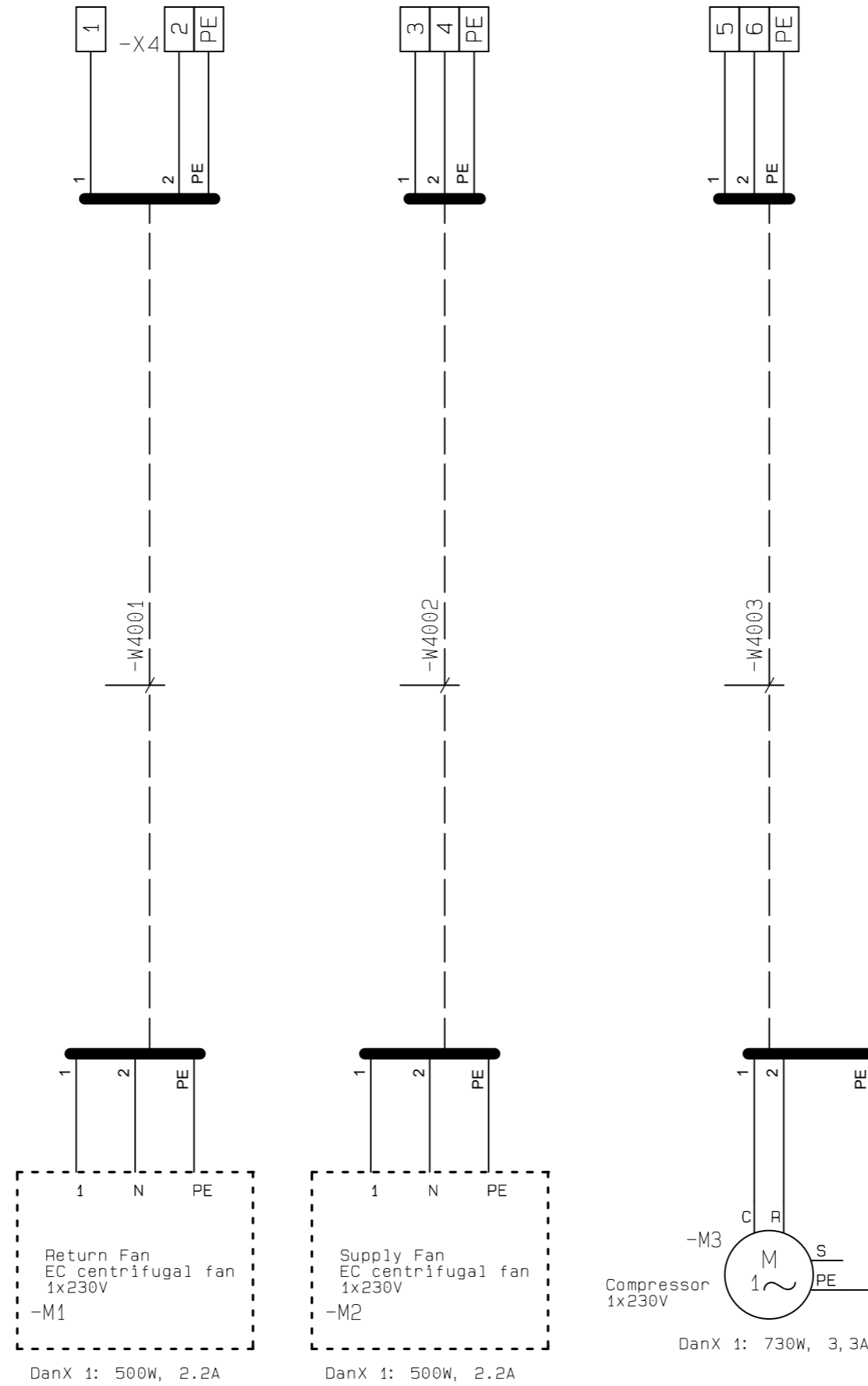


Kunde: Dantherm

Projekt titel:	Sags nr:
Sidetitel: -W2013	Rev.: 03
Sidst udskrevet: 12-02-2018	Ref.:
Sidst ændret: 12-02-2018	Side 10 af 12

	Kunde: Dantherm	Projekt titel:	Sags nr:
		Sidetitel: -W2021	Rev.: 03
		Sidst udskrevet: 12-02-2018	Ref.:
		Sidst ændret: 12-02-2018	Side 11 af 12



	Kunde: Dantherm	Projekt titel:	Sags nr:
		Sidetitel: -W4001	Rev.: 03
		Sidst udskrevet: 12-02-2018	Ref.:
		Sidst ændret: 12-02-2018	Side 12 af 12