

# NIBE F1145/F1245

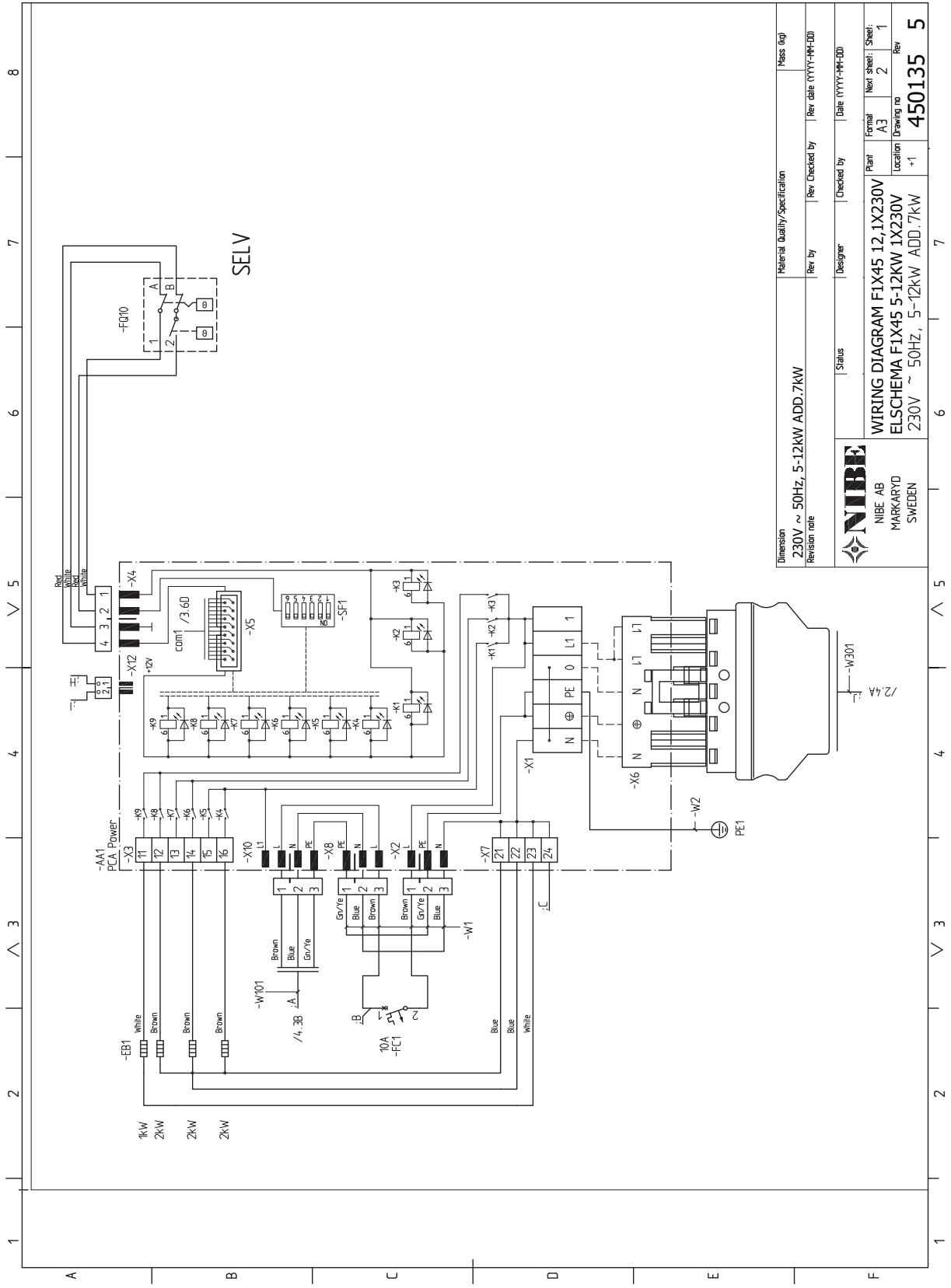




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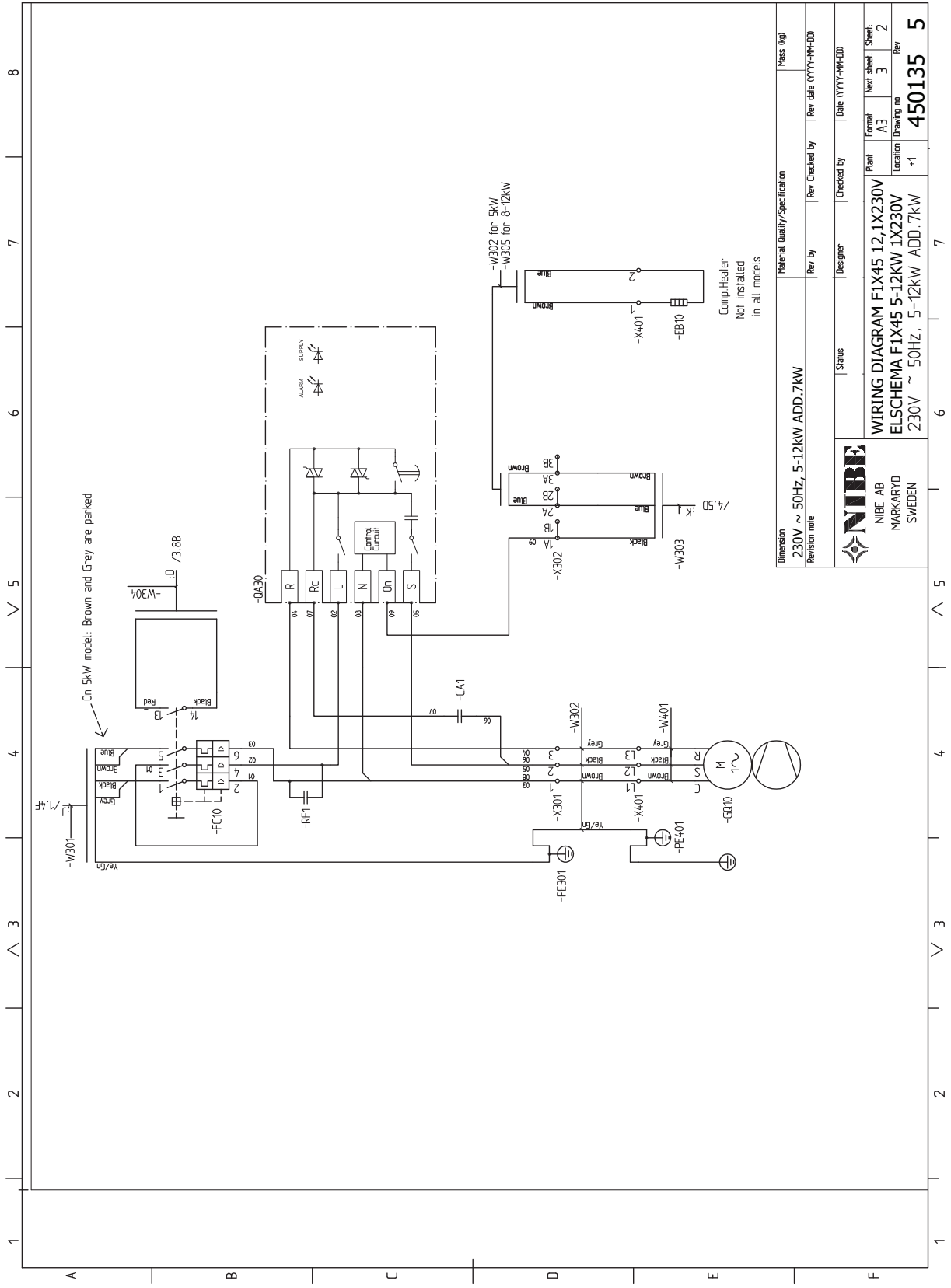
1x230V 5-12 kW (F1145/F1245) _____	4
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1X230V 5-12 KW (F1145/F1245)

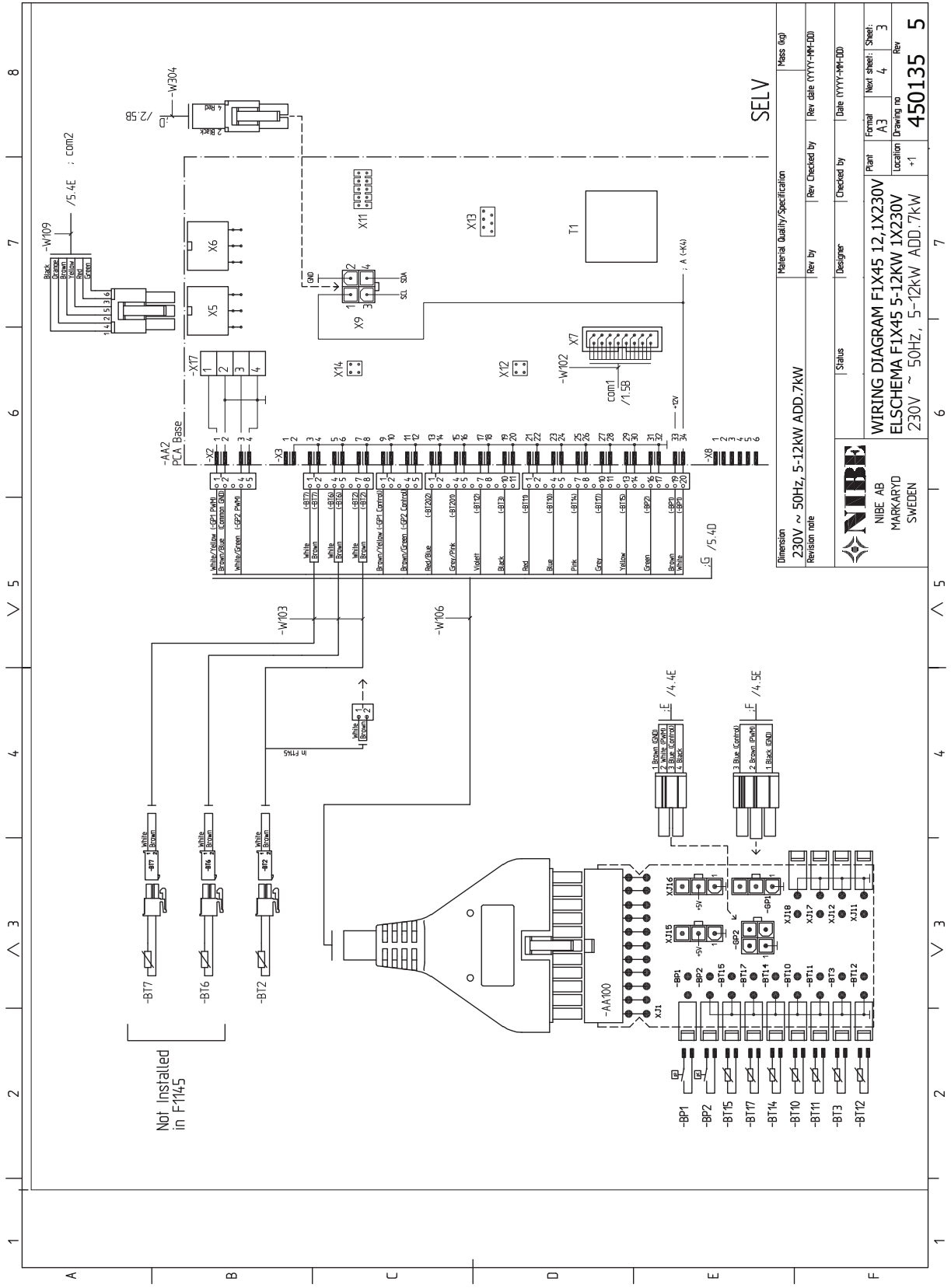


Dimension	Material Quality/Specification	Mass (kg)
230V ~ 50Hz, 5-12kW ADD.7kW		
Revision name	Rev. by	Rev. Checked by
	Designer	Checked by
	Status	Date (YYYY-MM-DD)
<b>NIBE</b>		
NIBE AB MARKARYD SWEDEN		
WIRING DIAGRAM F1X45 12.1X230V		Part
ELSHEMA F1X45 5-12KW 1X230V		A.3
230V ~ 50Hz, 5-12kW ADD.7kW		Location
		+1
		Drawing no
		450135
		Rev
		5

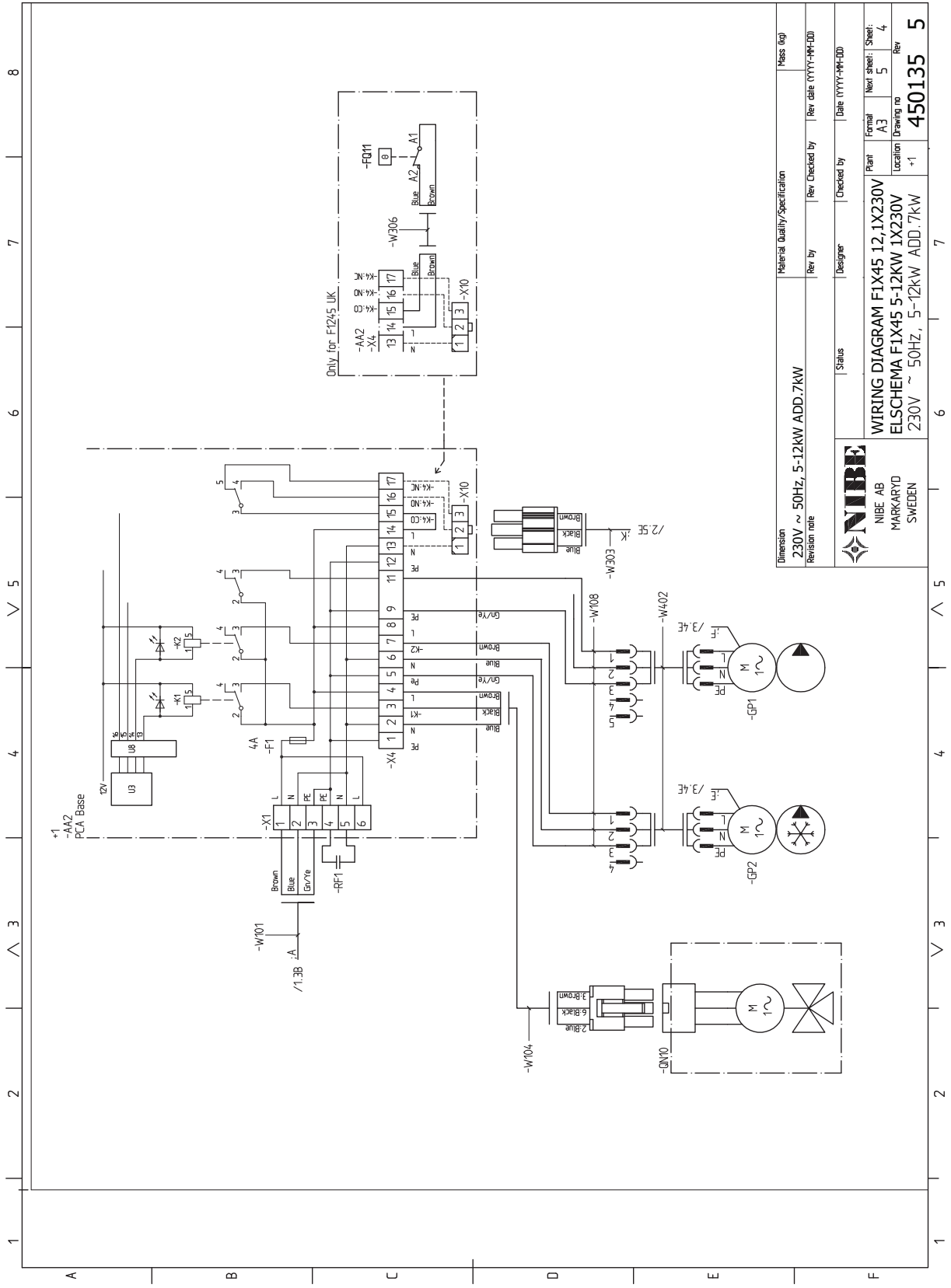
1X230V 5-12 KW (F1145/F1245)



1X230V 5-12 KW (F1145/F1245)



1X230V 5-12 KW (F1145/F1245)

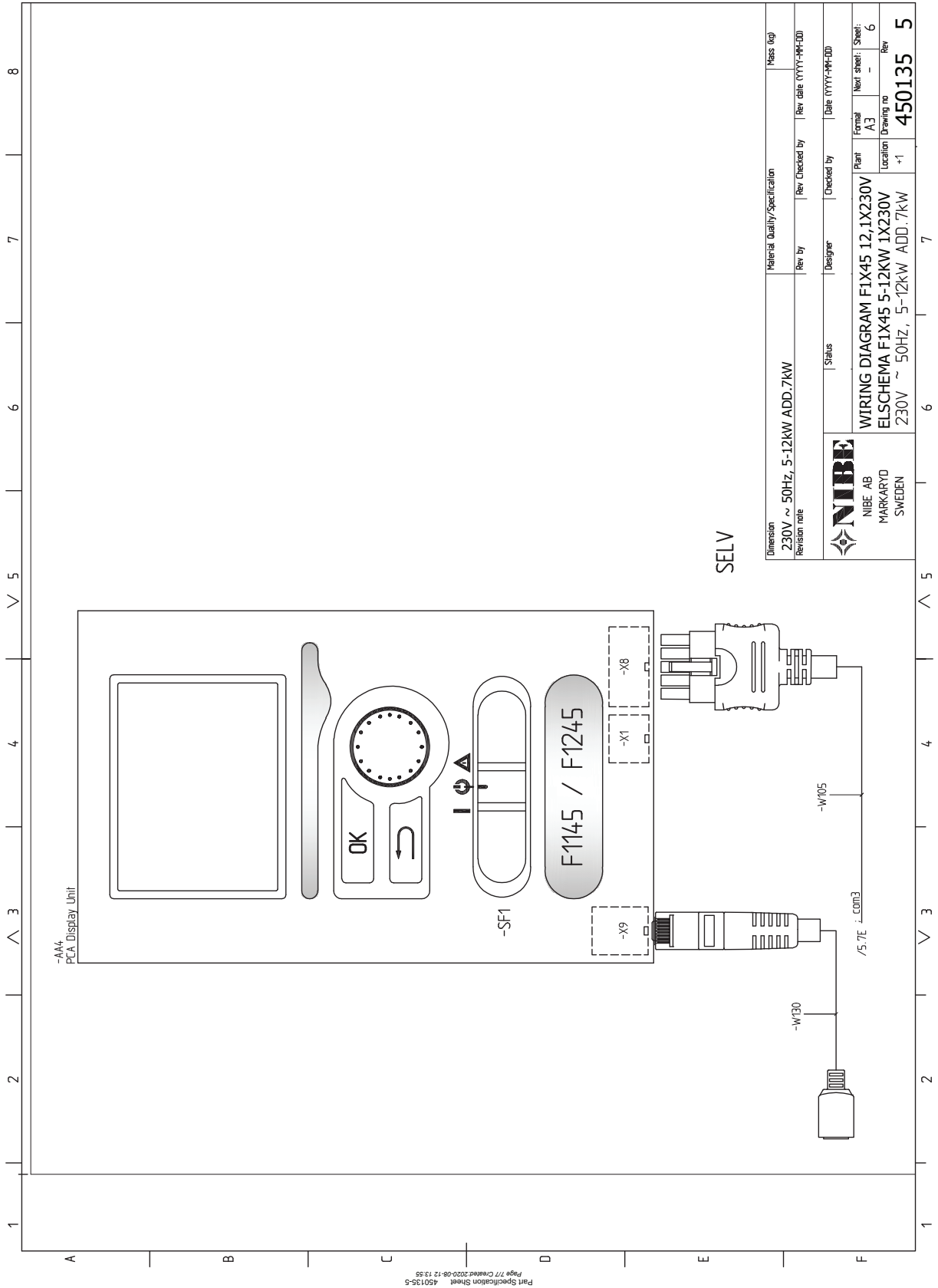


Dimension	Material Quality/Specification	Mass (kg)
230V ~ 50Hz, 5-12kW ADD.7kW		
Revision name	Rev. by	Rev. checked by
		Rev. date (YYYY-MM-DD)
	Designer	Checked by
	Status	Date (YYYY-MM-DD)
WIRING DIAGRAM F1X45 12.1X230V WIRING DIAGRAM F1X45 5-12KW 1X230V ELSHEMA F1X45 5-12KW ADD.7kW 230V ~ 50Hz, 5-12kW ADD.7kW		
Part	Formal	Next sheet / Sheet
A.3	A.3	5 / 4
Location	Drawing no	Rev
+1	450135	5





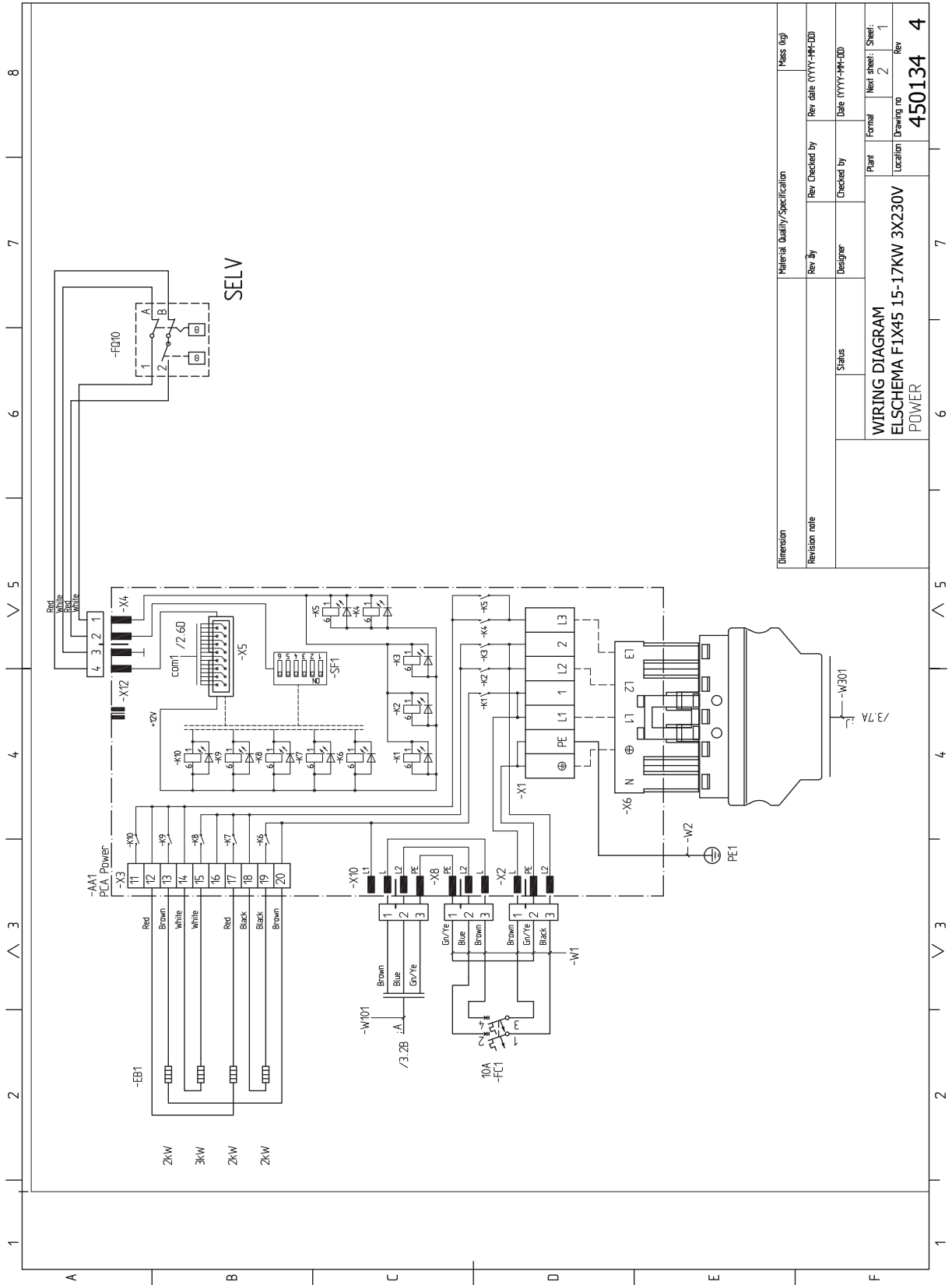
1X230V 5-12 KW (F1145/F1245)



Dimension	Material Quality/Specification	Mass (kg)
230V ~ 50Hz, 5-12kW ADD.7kW		
Revision note	Rev. by	Rev. Checked by
		Rev. date (YYYY-MM-DD)
 NIBE AB MARKARYD SWEDEN	Status	Designer
	Checked by	Date (YYYY-MM-DD)
	Part	Formal
	Next sheet	Sheet
WIRING DIAGRAM F1X45 12.1X230V		
ELSCHEMA F1X45 5-12KW 1X230V		
230V ~ 50Hz, 5-12kW ADD.7kW		
Location	Drawing no	Rev
+1	450135	5

Part Specification Sheet 450135-5  
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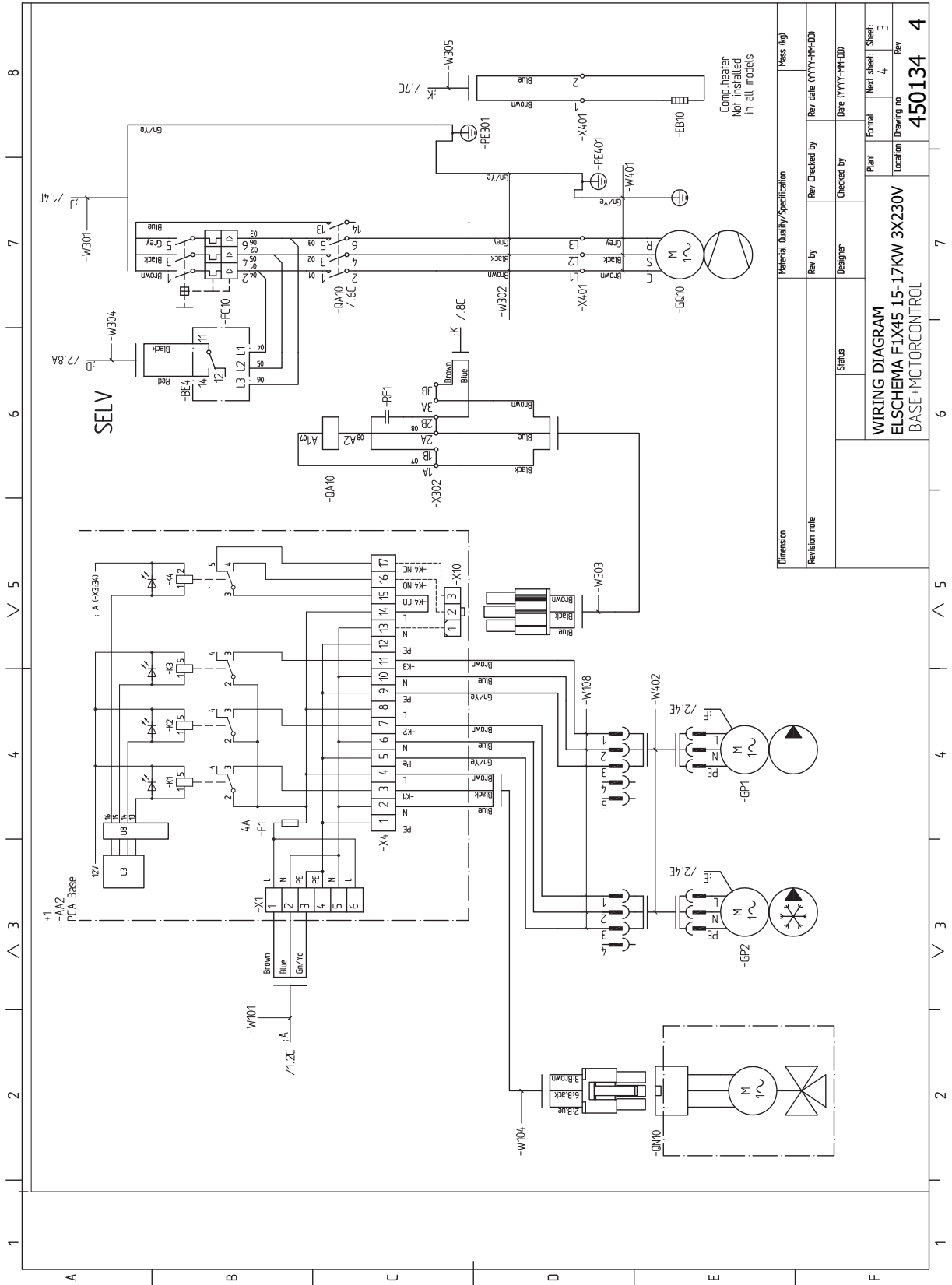
3X230V 15-17 KW (F1145)



Dimension		Material Quality/Specification		Mass (kg)	
Revision no.	Rev. By	Rev. Checked by	Rev. date (YY-MM-DD)	Rev. No.	Rev. Date
Status	Designer	Checked by	Date (YYYY-MM-DD)	Plant	Formal
WIRING DIAGRAM			Location	Next sheet:	Sheet:
ELSCHEMA FIX45 15-17KW 3X230V			450134	2	1
POWER			Drawing no	4	



3X230V 15-17 KW (F1145)

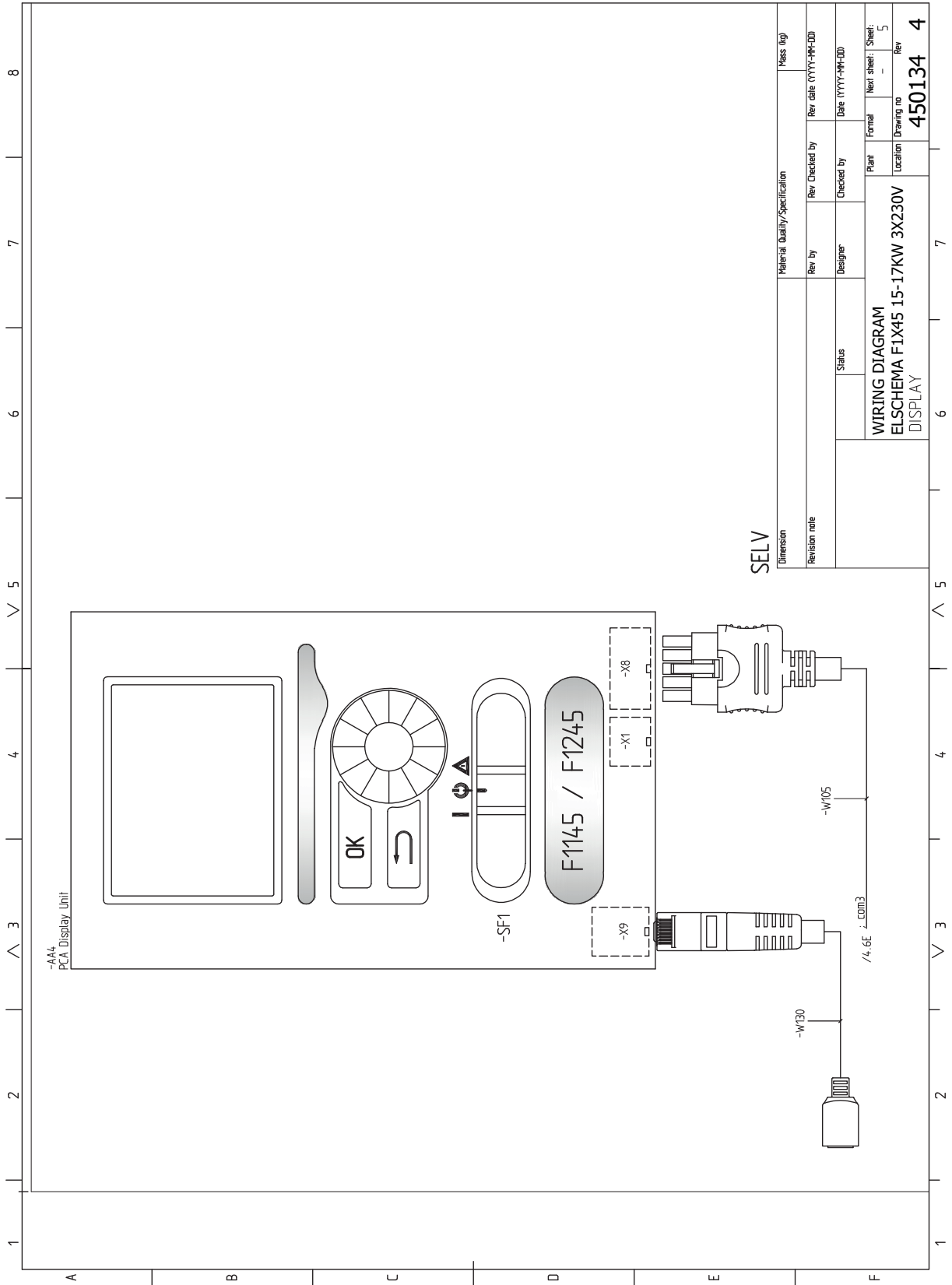


Material Quality/Specification		Revision	
Dimension	Revision note	Rev. by	Rev. checked by
		Designer	Checked by
		Status	Plant
			Format
			Next sheet: Sheet: 3
			4
			Rev
			450134
			4
			3

**WIRING DIAGRAM**  
**ELSCHEMA FIX45 15-17KW 3X230V**  
**BASE-MOTORCONTROL**

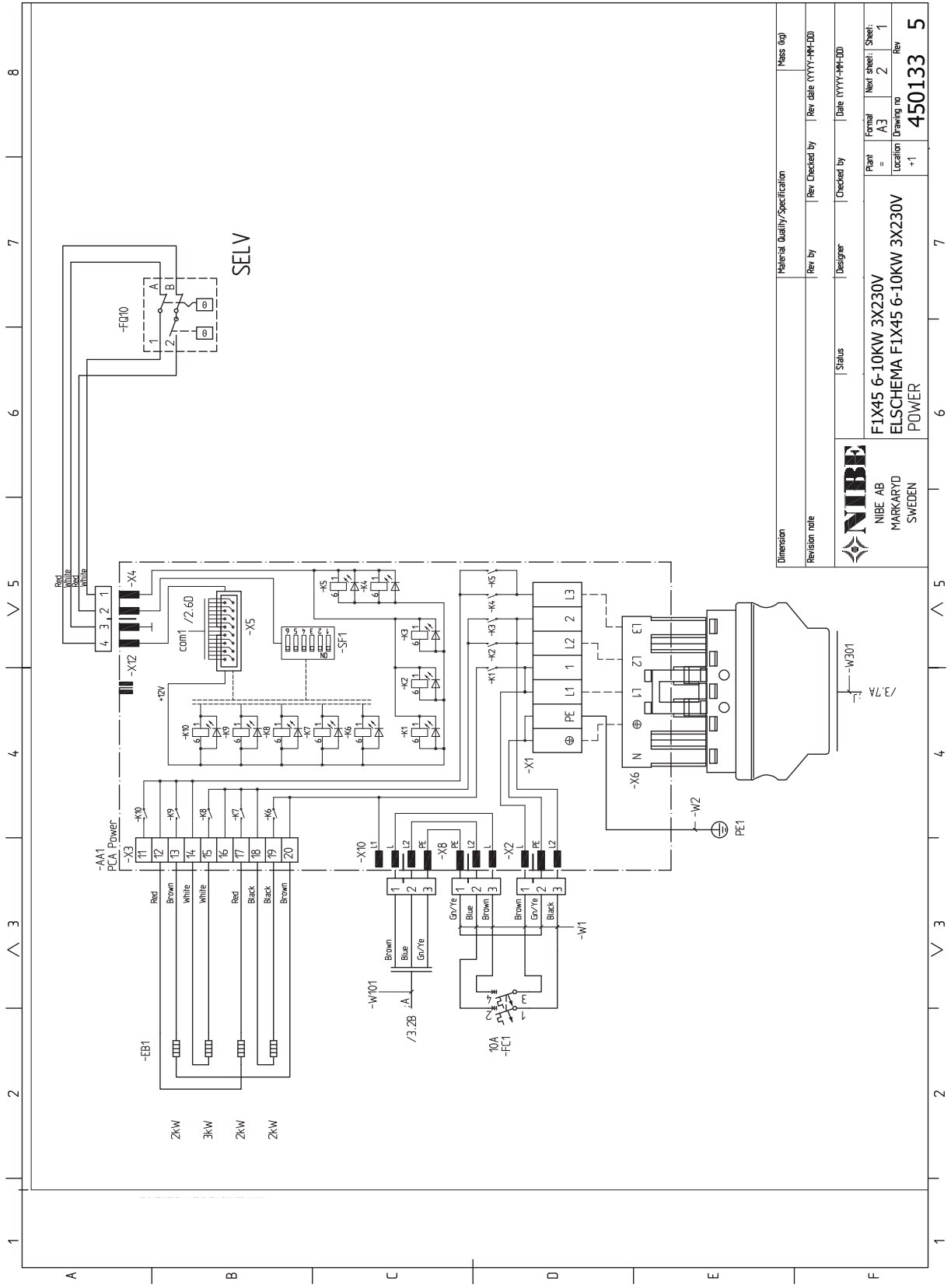


3X230V 15-17 KW (F1145)



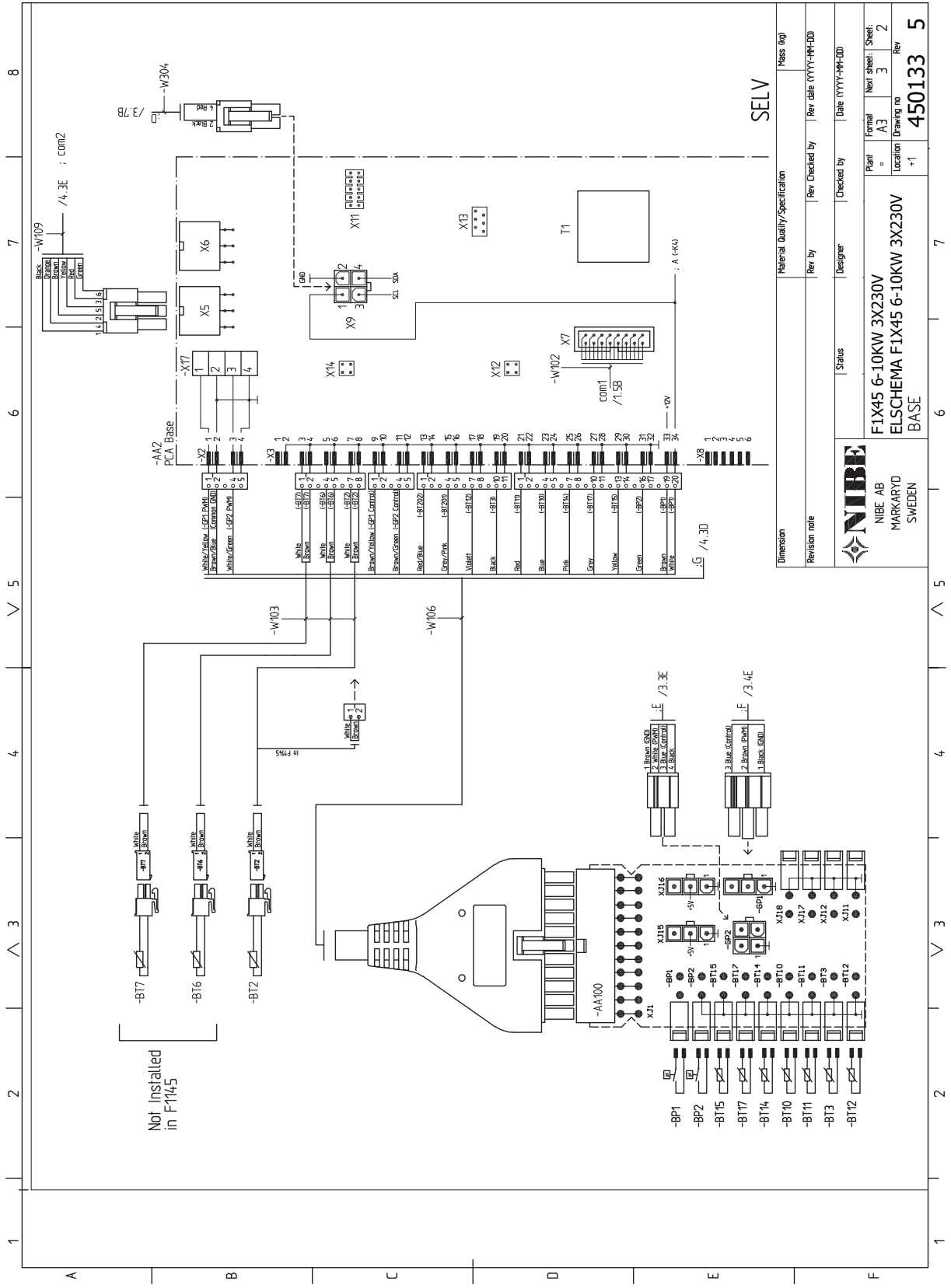
Material Quality/Specification		Mass (kg)	
Rev. by	Rev. Checked by	Rev. date (YY-MM-DD)	
Designer	Checked by	Date (YYYY-MM-DD)	
Status	Plant	Formal	Next sheet: Sheet: 5
WIRING DIAGRAM		Location	Drawing no
ELSCHEMA FIX45 15-17KW 3X230V		450134	4
DISPLAY			

3X230V 6-10 KW (F1145/F1245)



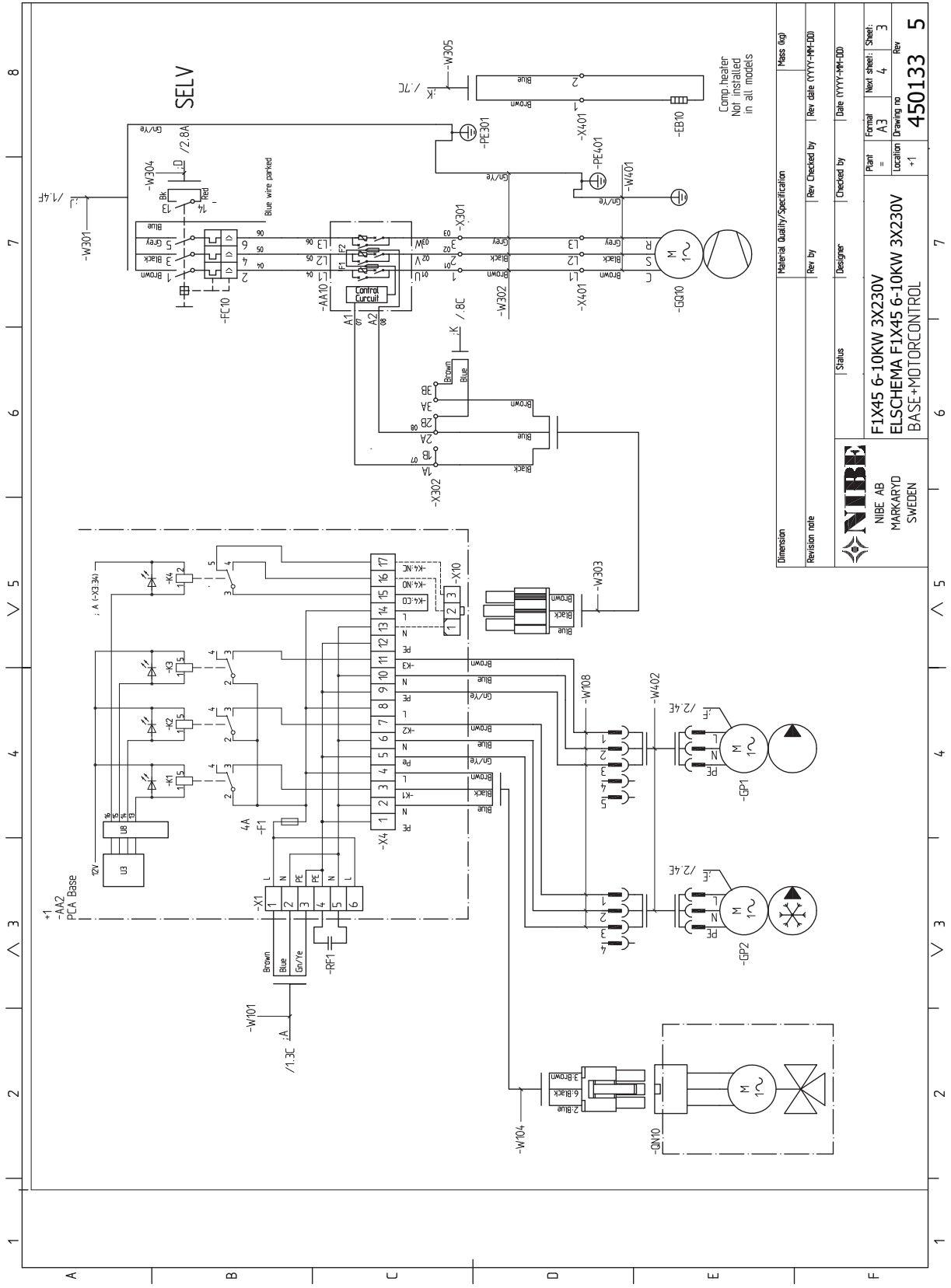
Dimension	Material Quality/Specification	Mass (kg)
Revision note	Rev. by	Rev. Checked by
 NIBE AB MARKARYD SWEDEN	Status	Designer
	Checked by	Date (YYYY-MM-DD)
	Rev. date (YYYY-MM-DD)	Rev. date (YYYY-MM-DD)
	Formal	Next sheet
Part =	A.3	2
Location	Drawing no	Rev
+1	450133	5

3X230V 6-10 KW (F1145/F1245)



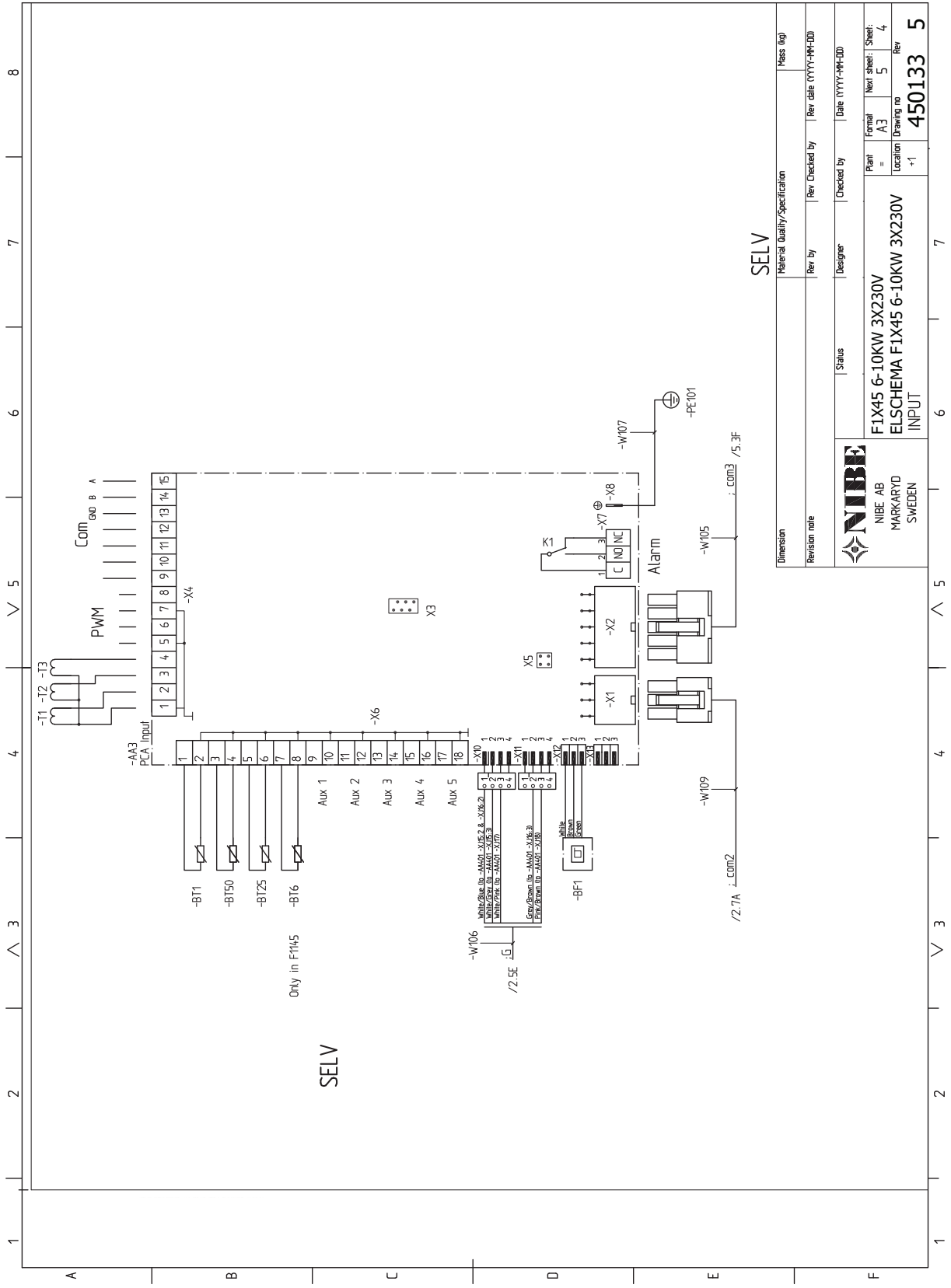


3X230V 6-10 KW (F1145/F1245)



Dimension	Material Quality/Specification	Mass (kg)
Revision note	Rev. by	Rev. Checked by
	Rev. date (YYYY-MM-DD)	Date (YYYY-MM-DD)
 NIBE AB MARKARYD SWEDEN	Status	Designer
	Checked by	Date (YYYY-MM-DD)
	Plant =	Formal =
	Next sheet =	Sheet =
FIX45 6-10KW 3X230V ELSHEMA FIX45 6-10KW 3X230V BASE+MOTORCONTROL		Location
		Drawing no
		Rev
		450133
		5

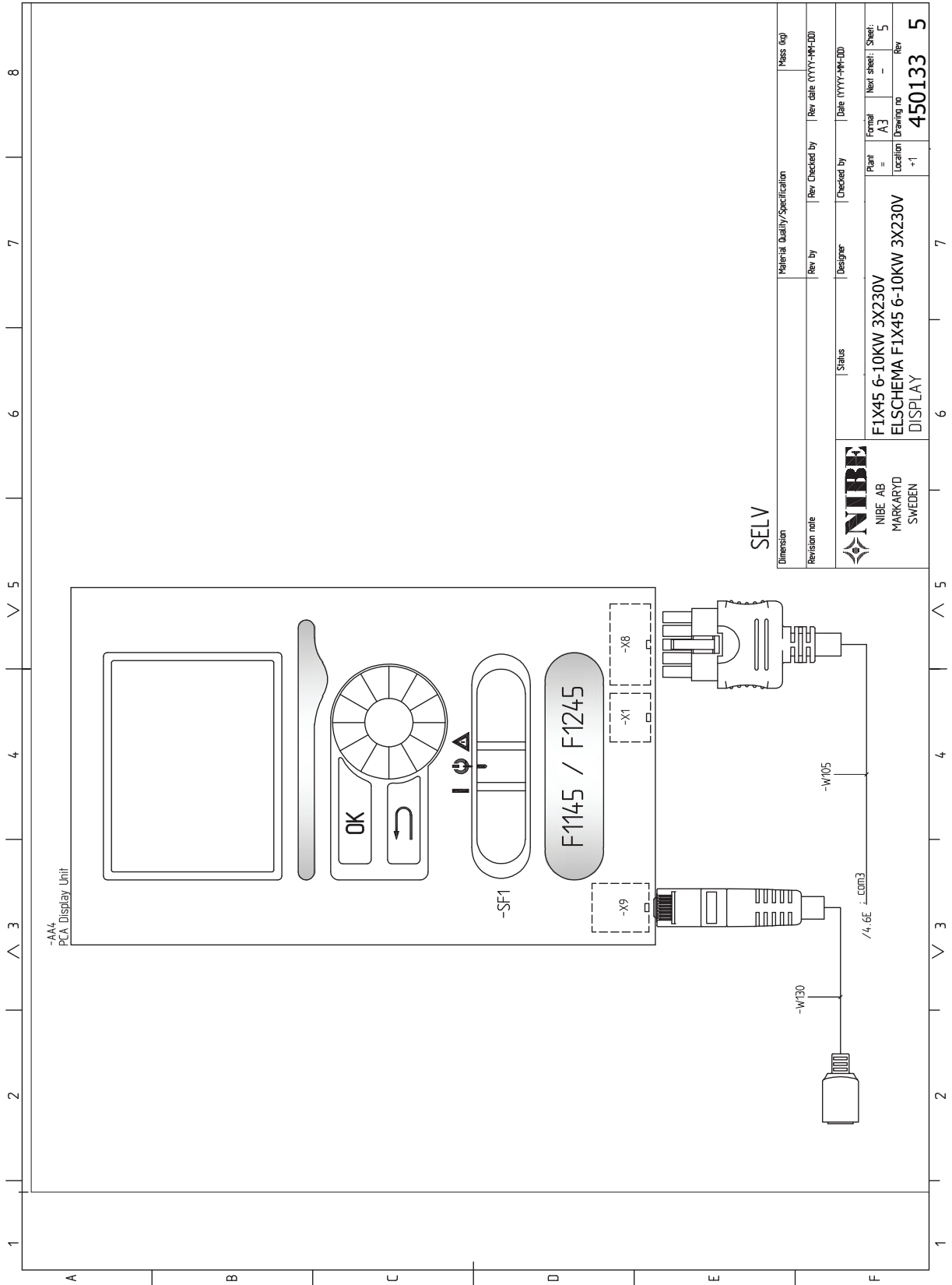
3X230V 6-10 KW (F1145/F1245)



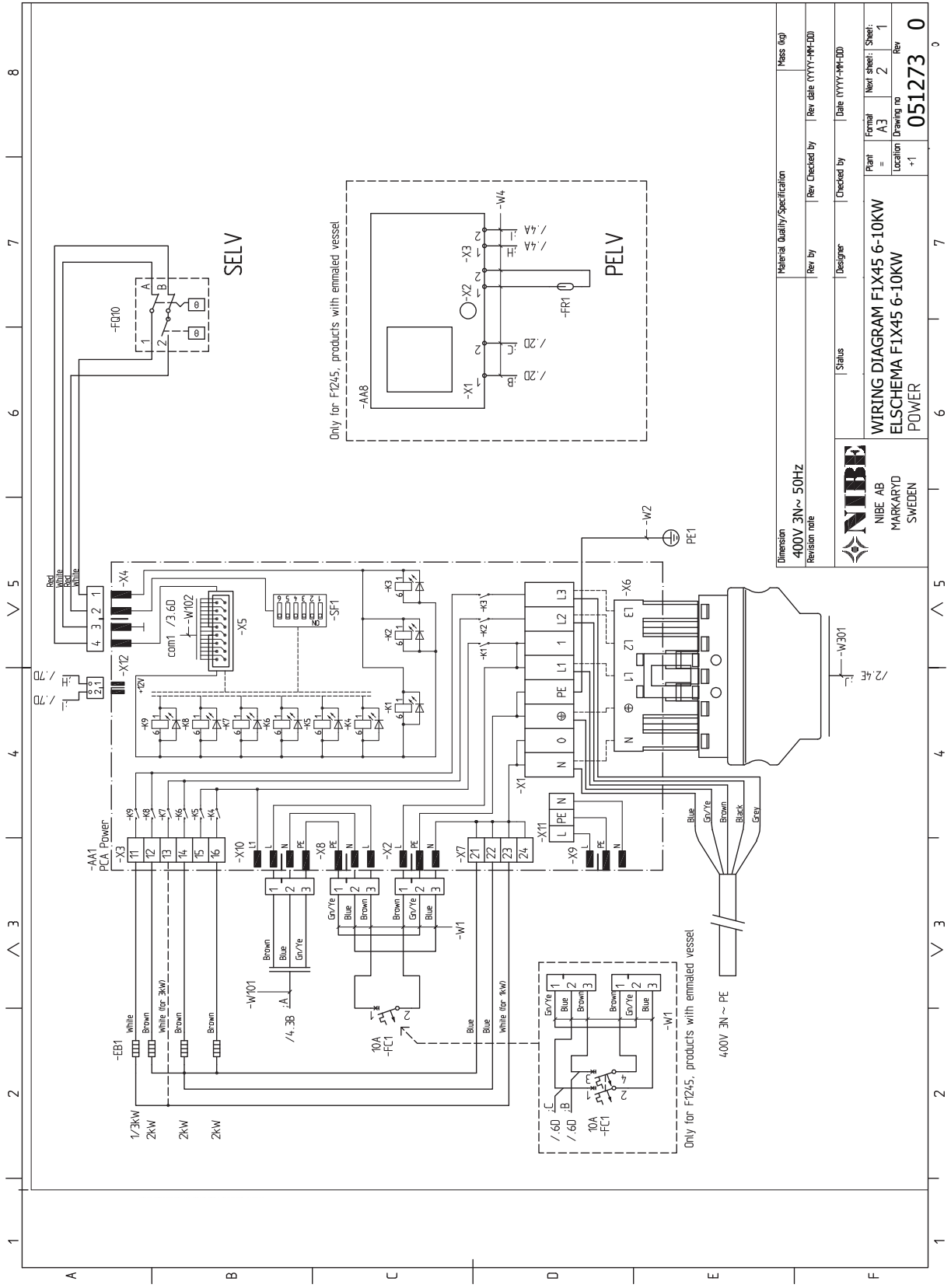
SELV

Dimension	Material Quality/Specification	Mass (kg)
Revision note	Rev. by	Rev. Checked by
 NIBE AB MARKARYD SWEDEN	Status	Designer
	Checked by	Date (YYYY-MM-DD)
	Formal	Next sheet
FIX45 6-10KW 3X230V	Part =	A.3
ELSHEMA FIX45 6-10KW 3X230V	Location	Drawing no
INPUT	+1	450133
	Rev	5

3X230V 6-10 KW (F1145/F1245)

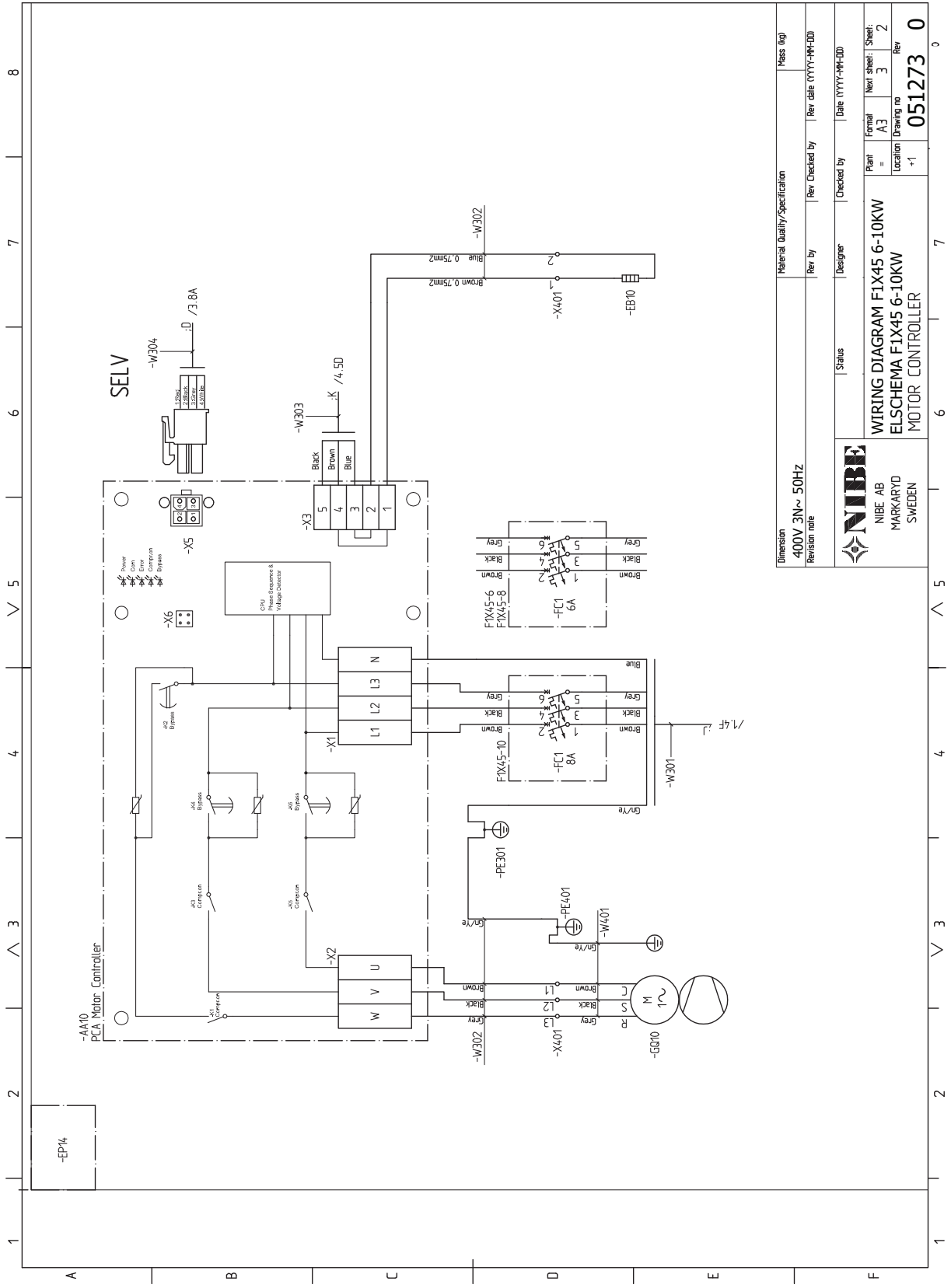


3X400V 6-10 KW (F1145/F1245)



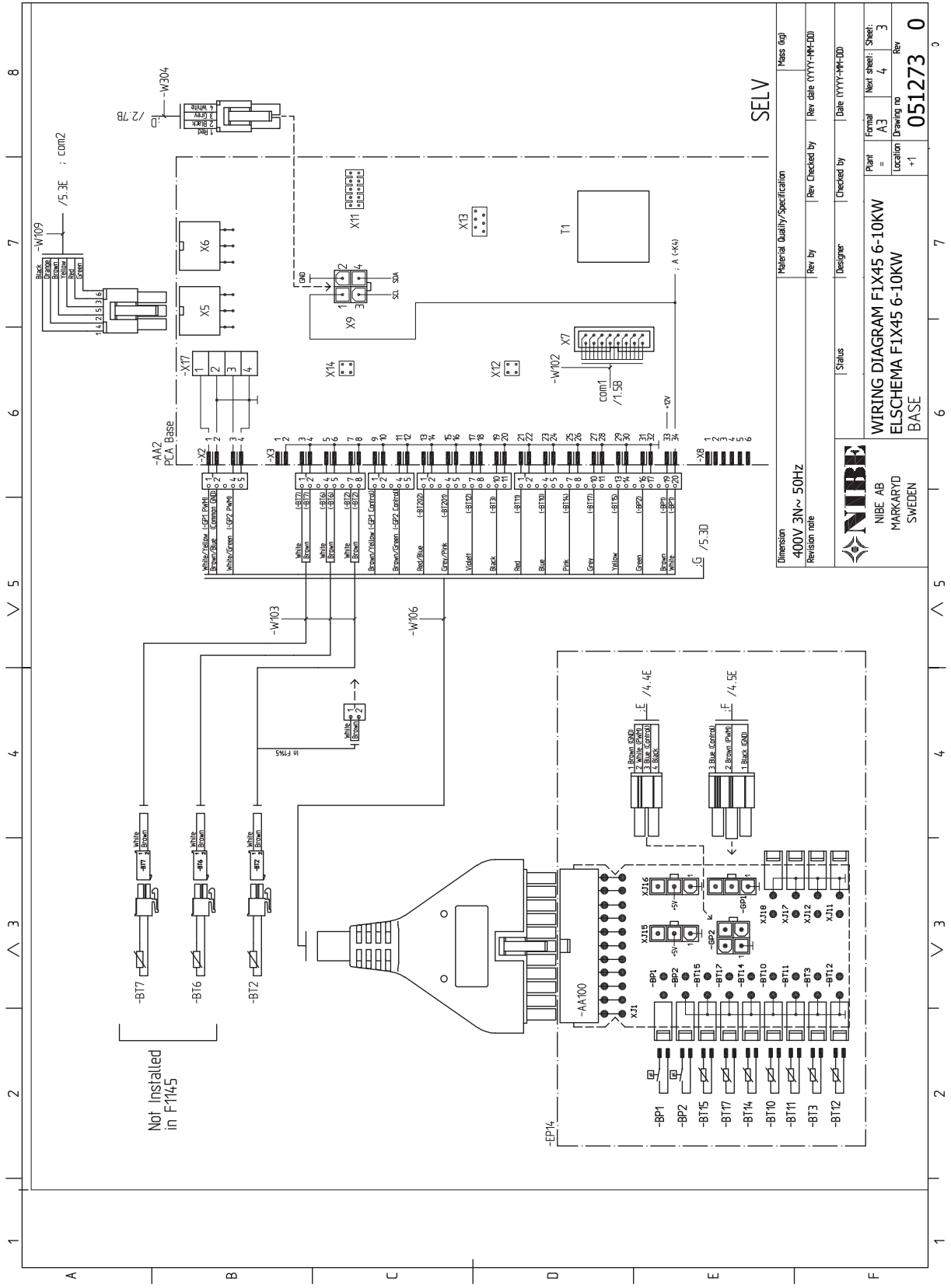
Dimension	400V 3N~50HZ	Material Quality/Specification	Mass (kg)
Revision name		Rev by	Rev Checked by
		Designer	Checked by
		Status	Date (YYYY-MM-DD)
<b>NIBE</b>			
NIBE AB MARKARYD SWEDEN			
<b>WIRING DIAGRAM F1X45 6-10KW ELSCHEMA F1X45 6-10KW POWER</b>			
Part =	A.3	Formal	Next sheet: Sheet:
Location		Drawing no	1
	+1	Rev	0
			<b>051273</b>

3X400V 6-10 KW (F1145/F1245)



Dimension	Material Quality/Specification	Mass (kg)
400V 3N~ 50HZ		
Revision note	Rev. by	Rev. checked by
	Designer	Checked by
	Status	Date (YYYY-MM-DD)
<b>WIRING DIAGRAM FIX45 6-10KW</b> <b>ELSCHEMA FIX45 6-10KW</b> <b>MOTOR CONTROLLER</b>		
	Part =	Formal Next sheet: Sheet:
	Location	Drawing no
	+1	051273
		0

3X400V 6-10 KW (F1145/F1245)

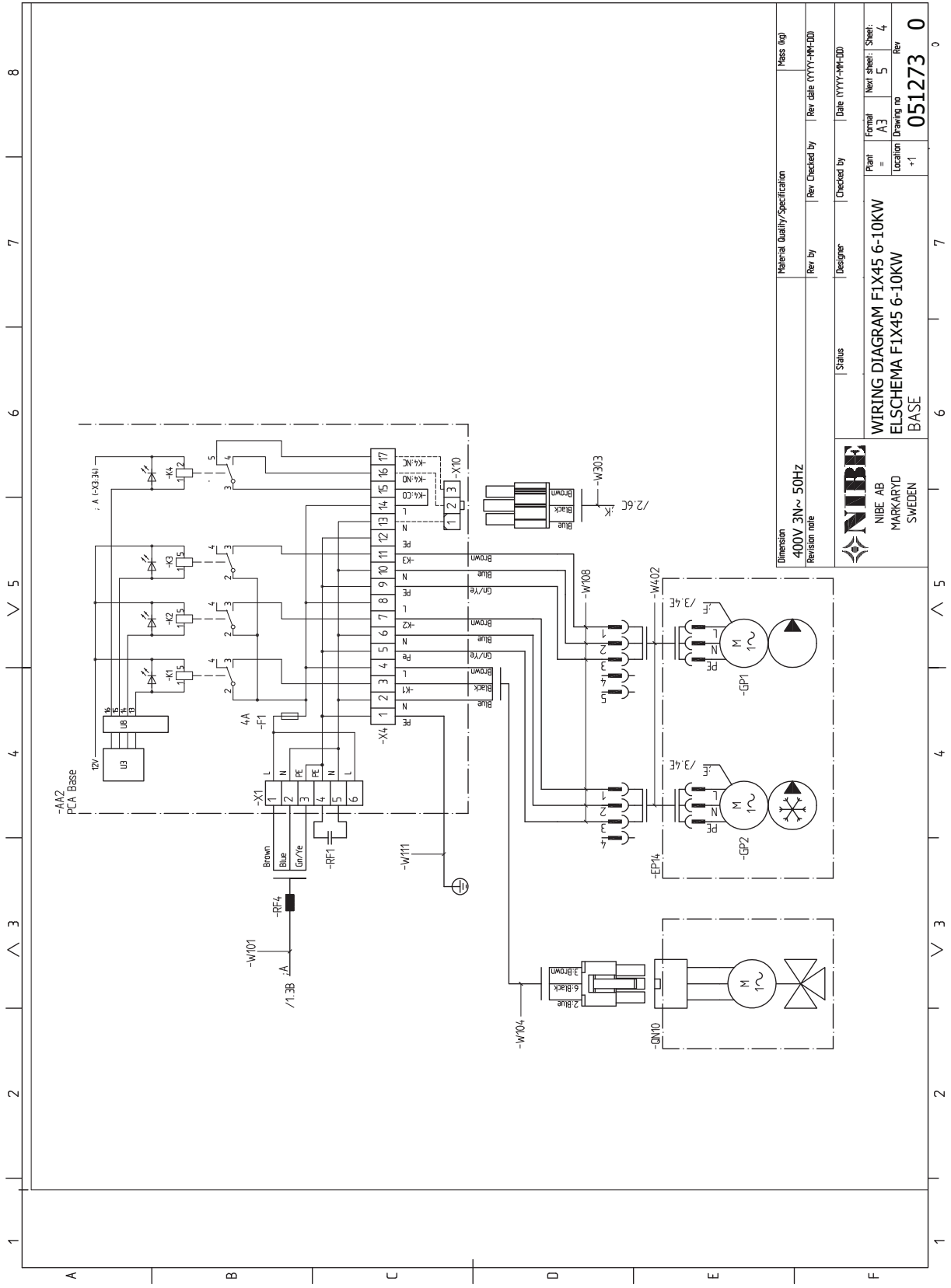


Not installed  
in F1145

SELV

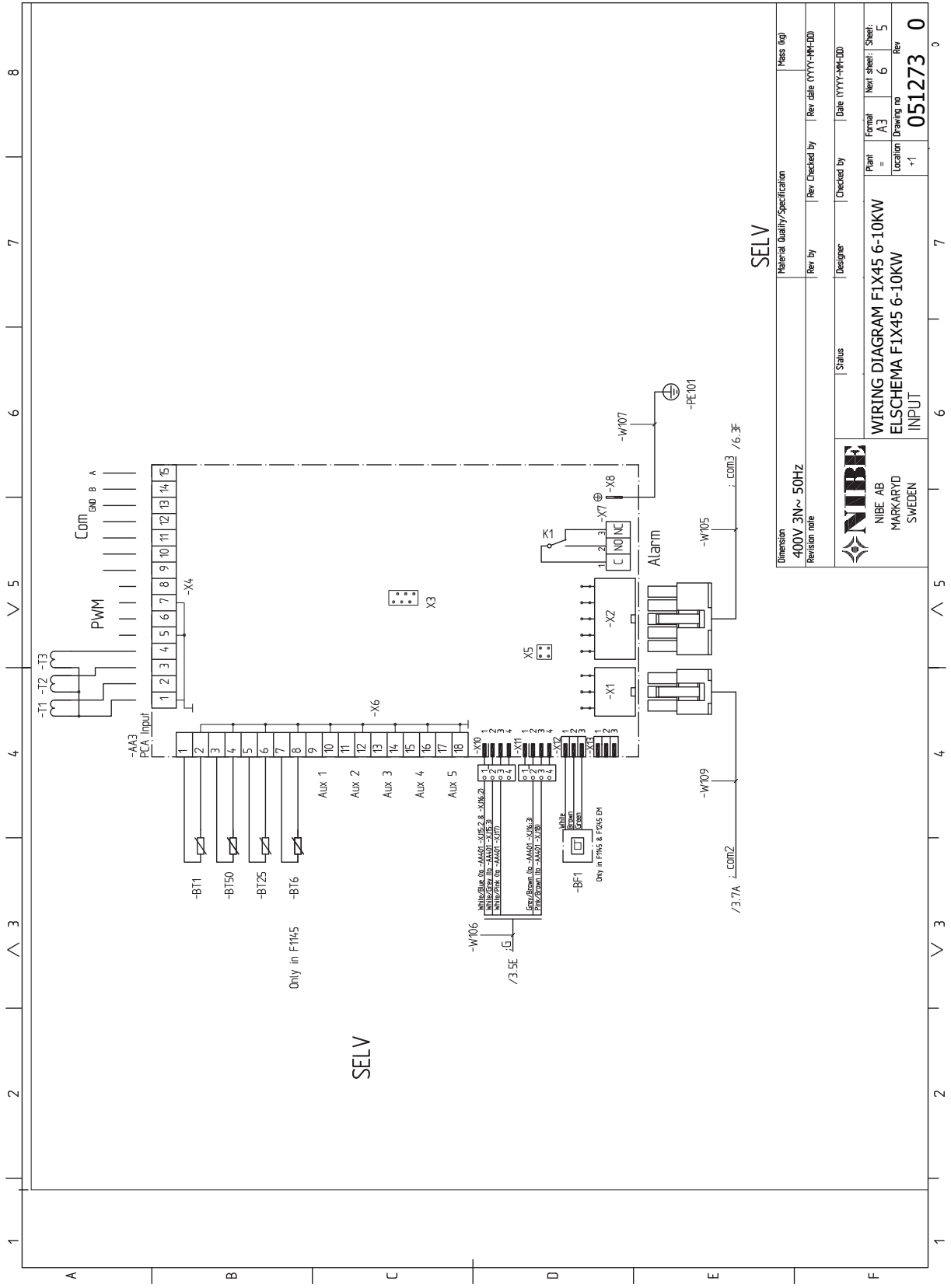
Dimension	400V 3N~ 50HZ	Material Quality/Specification	Mass (kg)
Revision name		Rev. By	Rev. Checked by
		Designer	Checked by
		Status	Date (YYYY-MM-DD)
<b>NIBE</b>			
NIBE AB			
MARKARYD			
SWEDEN			
WIRING DIAGRAM F1X45 6-10KW		Part =	Formal
ELSICHEMA F1X45 6-10KW		A3	Next sheet : Sheet
BASE		Location	4
+1		Drawing no	051273
0		Rev	0

3X400V 6-10 KW (F1145/F1245)



Dimension	400V 3N~ 50HZ	Material Quality/Specification	Mass (kg)
Revision note		Rev. by	Rev. checked by
		Designer	Checked by
		Status	Date (YYYY-MM-DD)
<b>NIBE</b>			
NIBE AB MARKARYD SWEDEN			
WIRING DIAGRAM FIX45 6-10KW			
ELSCHEMA FIX45 6-10KW			
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Location	Drawing no	+1	Rev
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3X400V 6-10 KW (F1145/F1245)

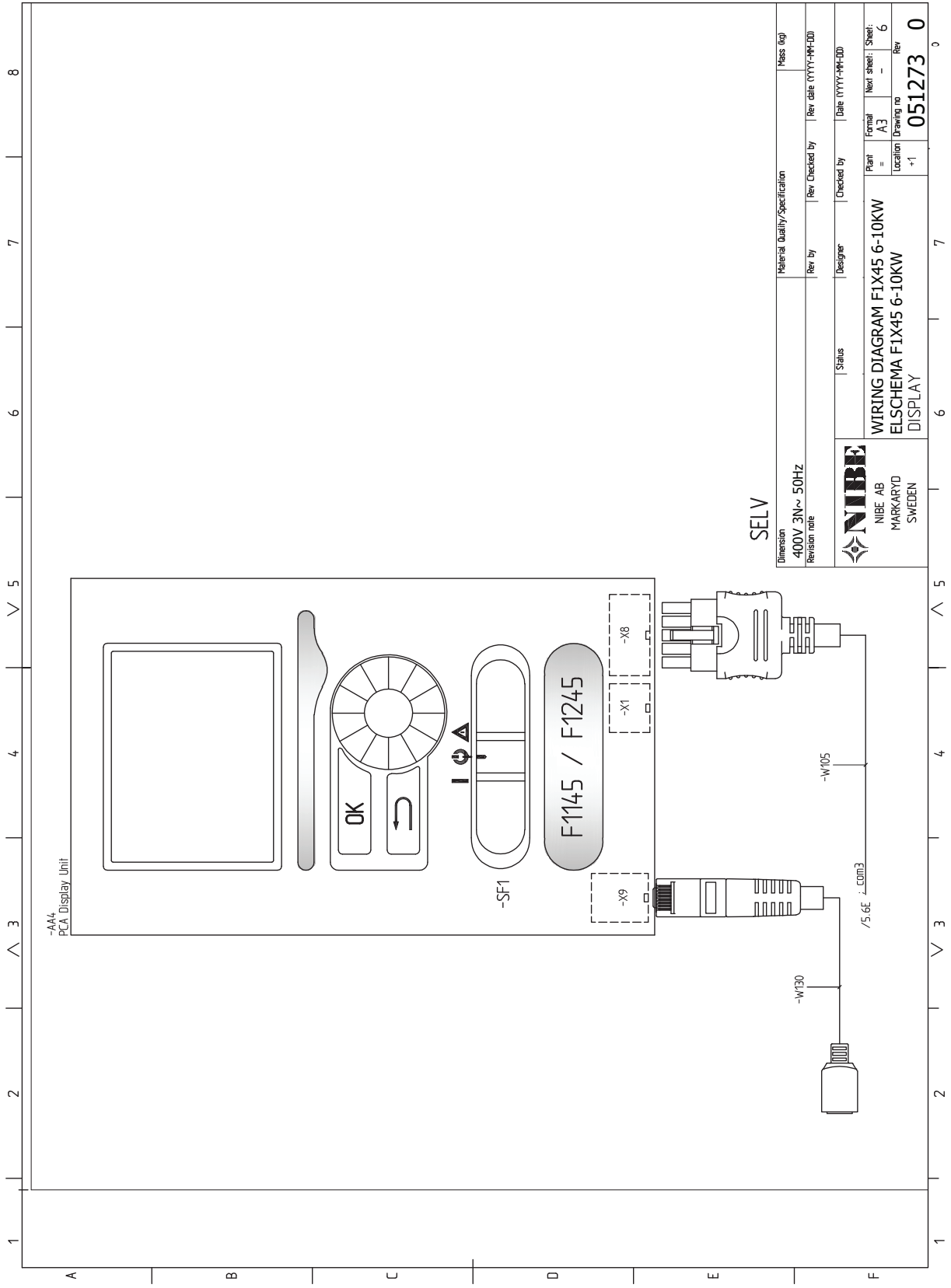


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Dimension	400V 3N~ 50HZ	Material Quality/Specification	Mass (kg)	
Revision note		Rev. by	Rev. checked by	
 NIBE AB MARKARYD SWEDEN	WIRING DIAGRAM F1X45 6-10KW ELSKEMA F1X45 6-10KW INPUT	Designer	Checked by	
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		Location	Drawing no	Rev
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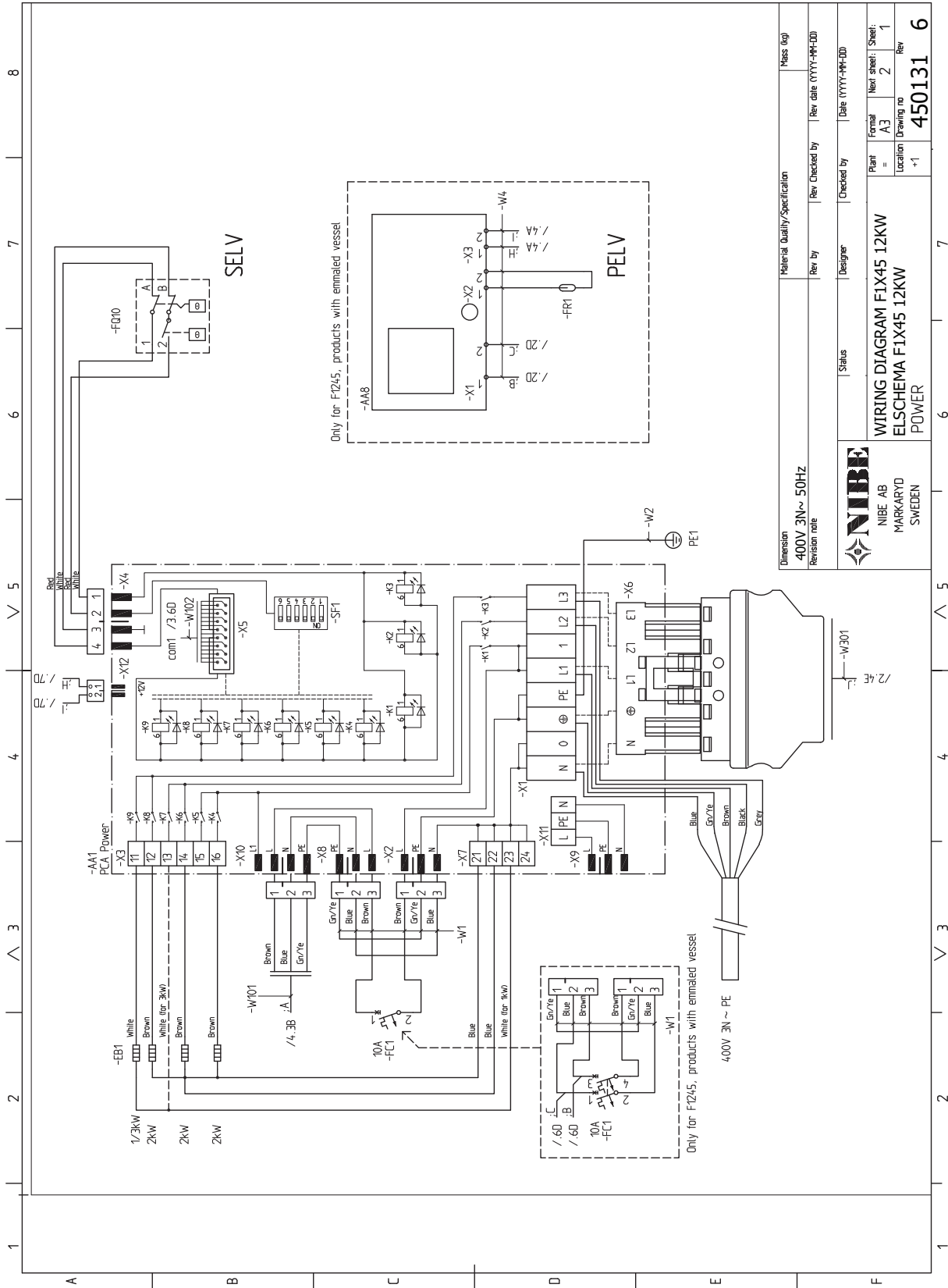
3X400V 6-10 KW (F1145/F1245)



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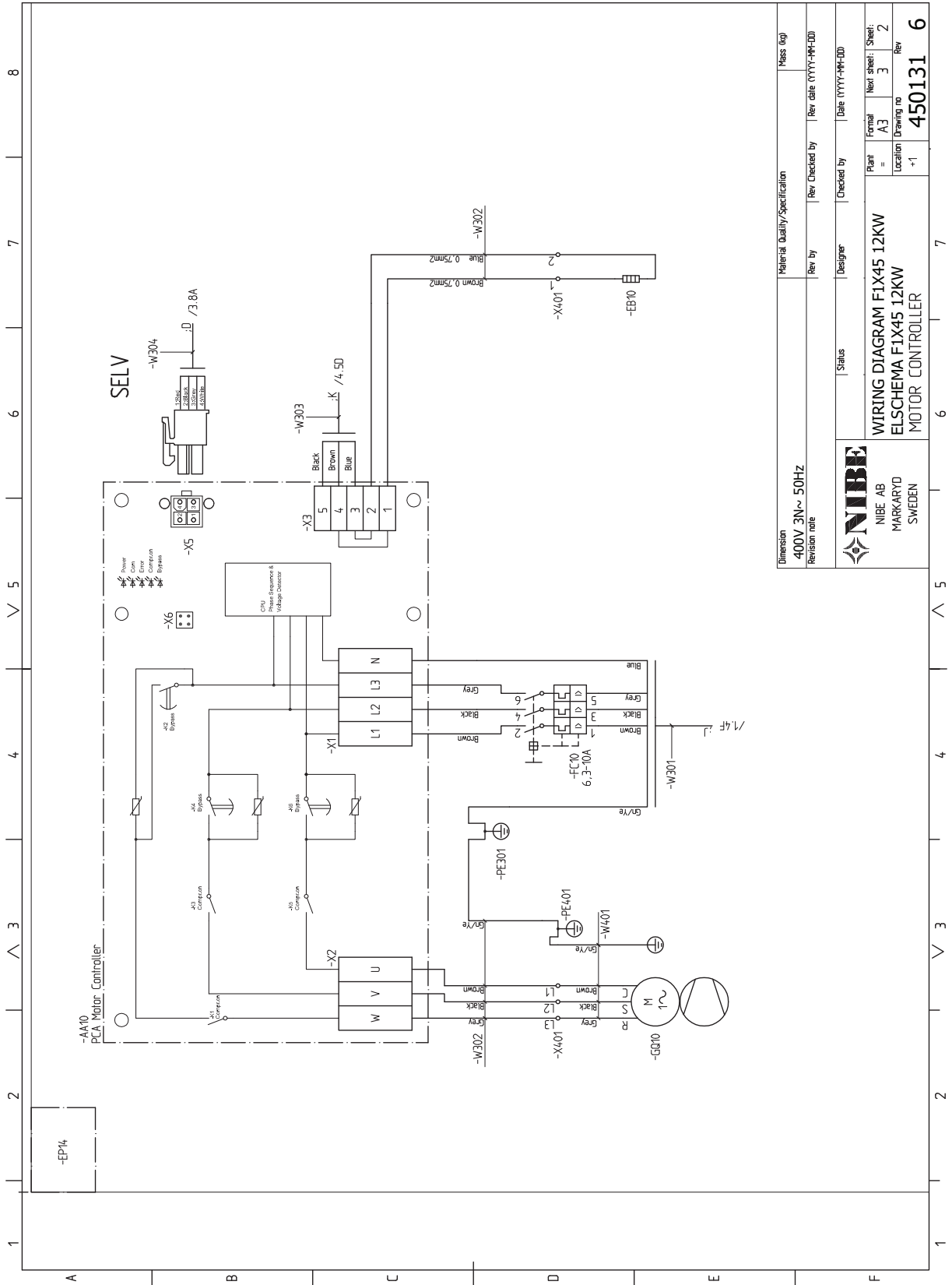
Dimension	Material Quality/Specification	Mass (kg)
400V 3N~ 50Hz		
Revision note	Rev. by	Rev. Checked by
	Designer	Rev. date (YYYY-MM-DD)
	Status	Checked by
		Date (YYYY-MM-DD)
<b>NIBE</b>		
NIBE AB MARKARYD SWEDEN		
WIRING DIAGRAM FIX45 6-10KW		
ELSCHEMA FIX45 6-10KW		
DISPLAY		
Part =	Formal	Next sheet / Sheet
A3		- / 6
Location	Drawing no	Rev
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3X400V 12 KW (F1145/F1245)



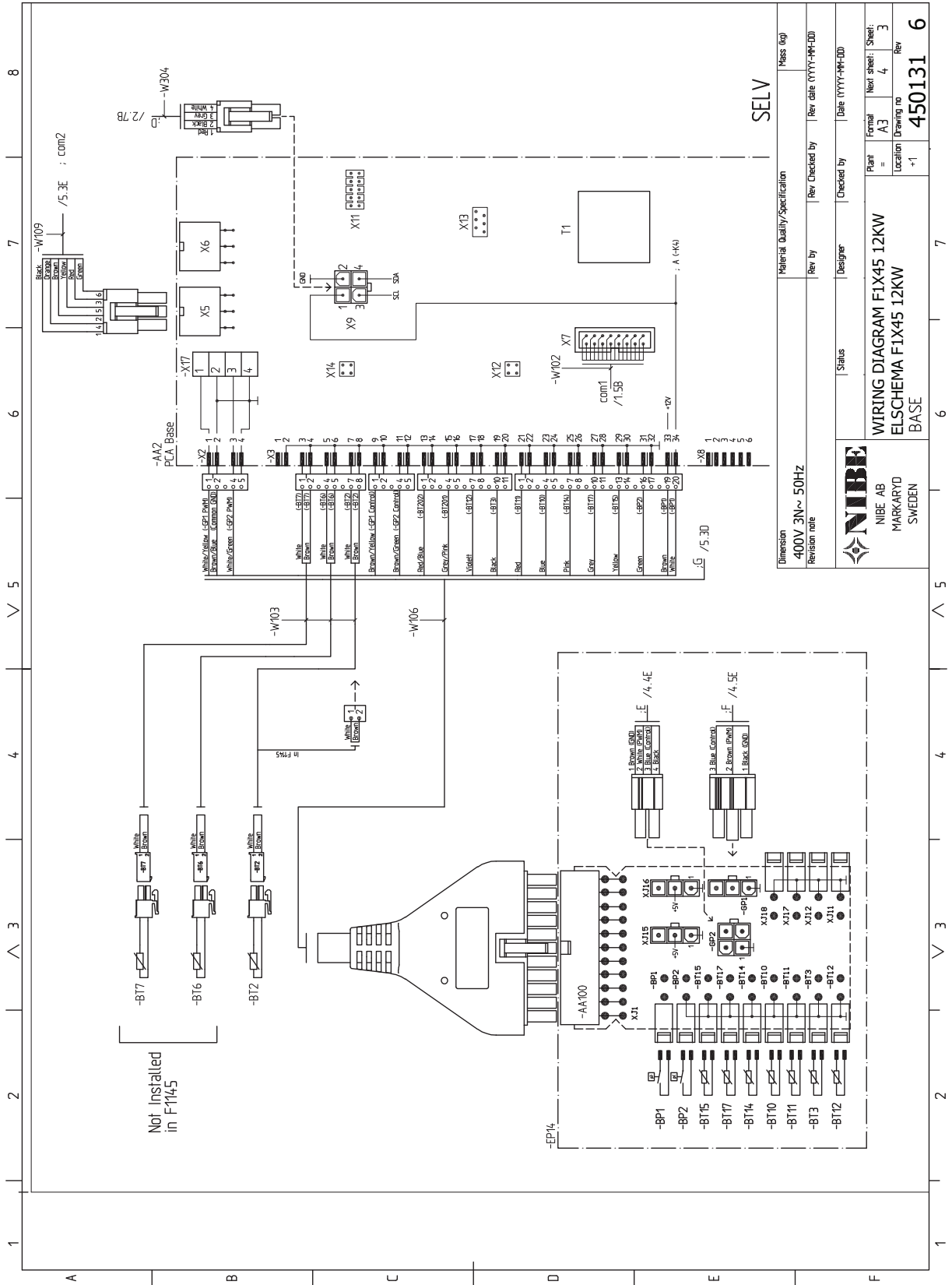
Dimension	400V 3N~50HZ	Material Quality/Specification	Mass (kg)	
Revision name		Rev. by	Rev. Checked by	
 NIBE AB MARKARYD SWEDEN	WIRING DIAGRAM F1X45 12KW ELSICHEMA F1X45 12KW POWER	Designer	Checked by	
		Status	Date (YYYY-MM-DD)	
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		Location	Drawing no	Rev
		+1	450131	6

3X400V 12 KW (F1145/F1245)



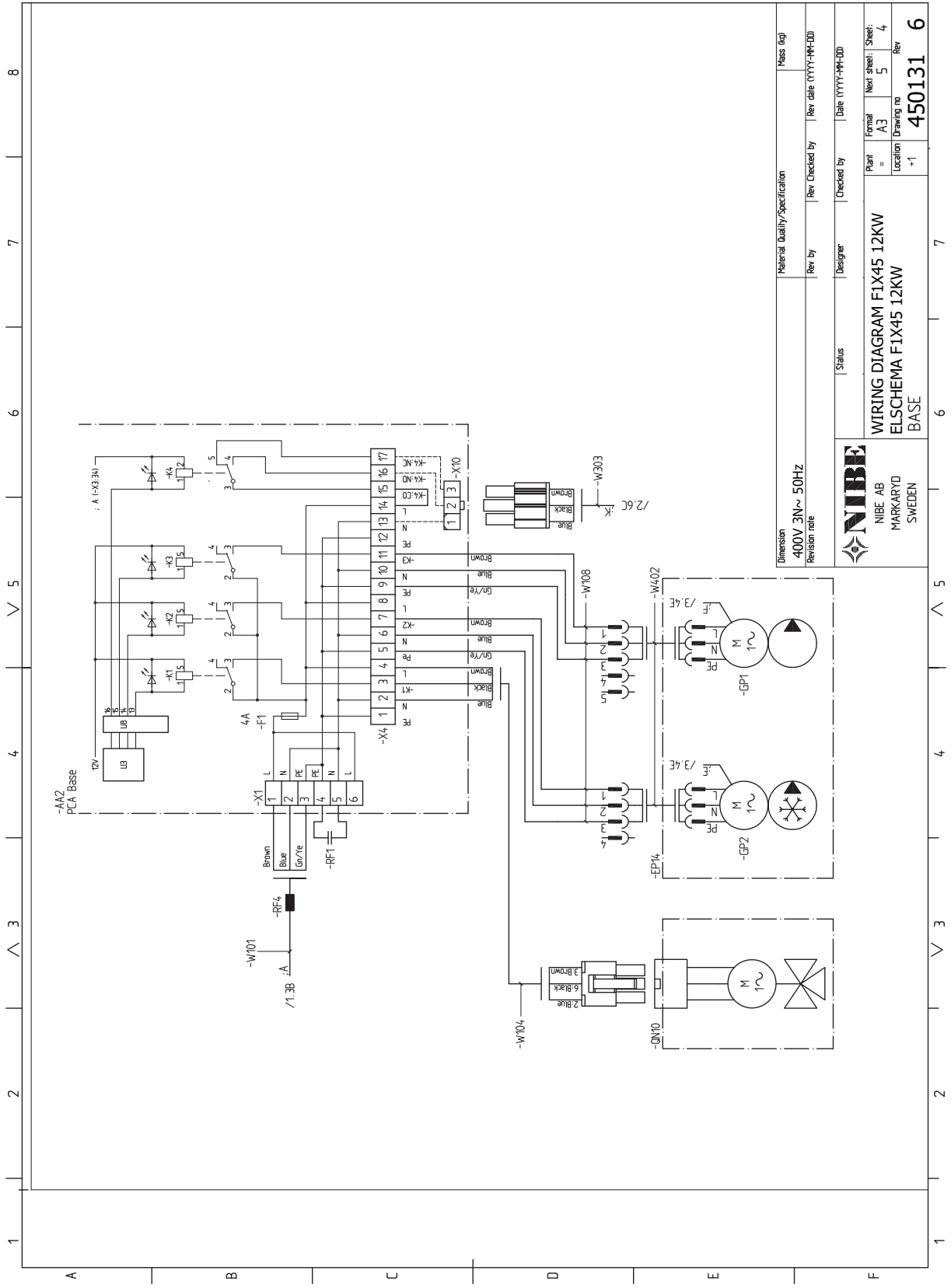
Dimension	Material Quality/Specification	Mass (kg)	
400V 3N~ 50Hz			
Revision note	Rev. by	Rev. Checked by	
		Rev. date (YYYY-MM-DD)	
 NIBE AB MARKARYD SWEDEN	Status	Designer	
	Checked by	Date (YYYY-MM-DD)	
	Part =	Formal	Next sheet: Sheet:
	Location	Drawing no	Rev
	+1	450131	6

3X400V 12 KW (F1145/F1245)



Dimension	400V 3N~ 50HZ	Material Quality/Specification	SELV	Mass (kg)
Revision name		Rev. by	Rev. Checked by	Rev. date (YYYY-MM-DD)
 NIBE AB MARKARYD SWEDEN	Status		Designer	Checked by
	WIRING DIAGRAM FIX45 12KW		Part =	Formal
	ELSICHEMA FIX45 12KW		Location	Next sheet: Sheet:
BASE		Location	Drawing no	Rev
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3X400V 12 KW (F1145/F1245)



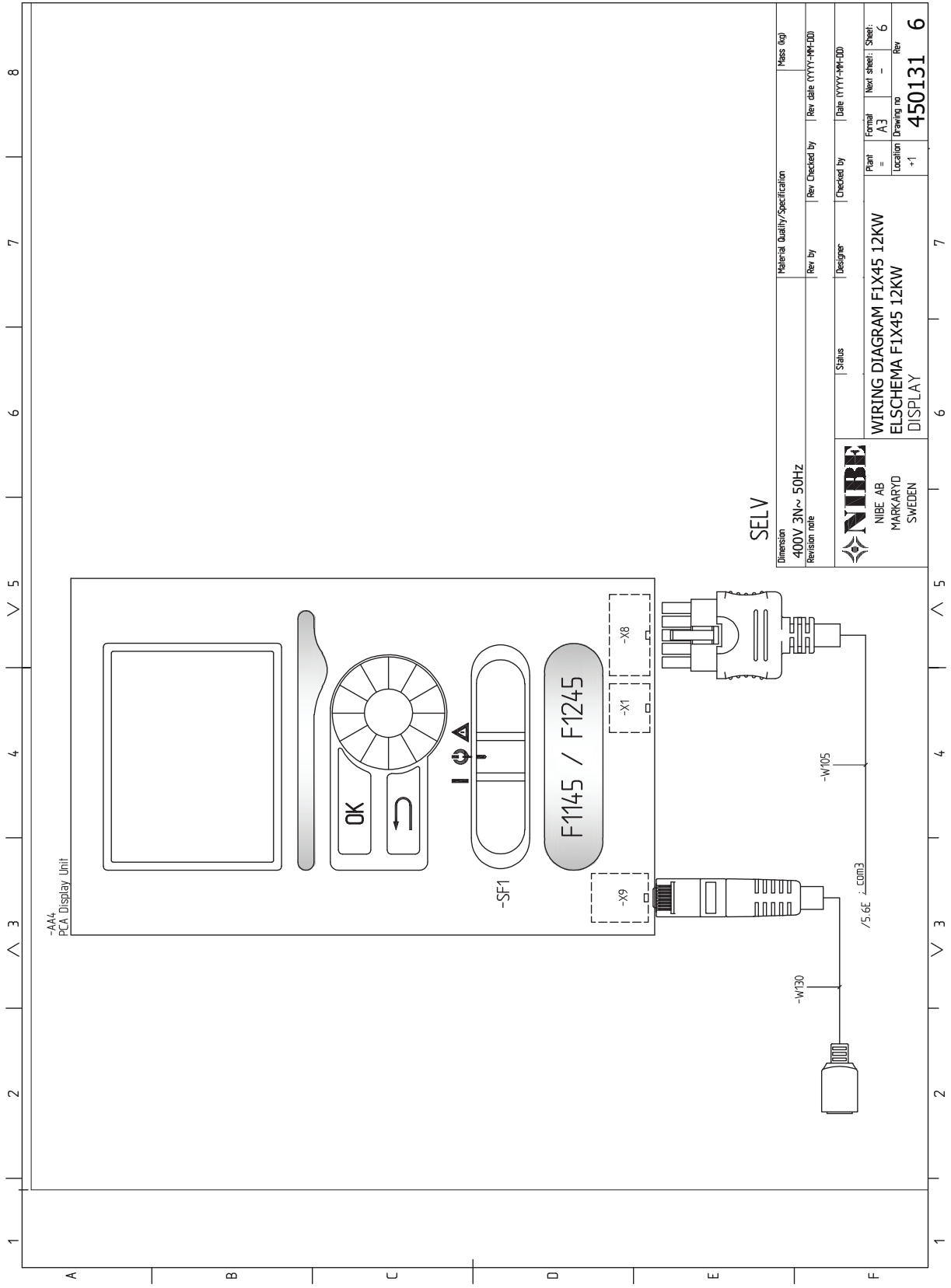
Material Quality/Specification	Mass (kg)
Rev. by	Rev. Checked by
Rev. date (YYYY-MM-DD)	Rev. date (YYYY-MM-DD)
Designer	Checked by
Status	Date (YYYY-MM-DD)
<b>WIRING DIAGRAM FIX45 12KW</b> <b>ELSCHEMA FIX45 12KW</b> <b>BASE</b>	
Part =	Formal
A.3	5
Location	Next sheet: Sheet:
+1	4
Rev	Drawing no
6	450131



NIBE AB  
MARKARYD  
SWEDEN



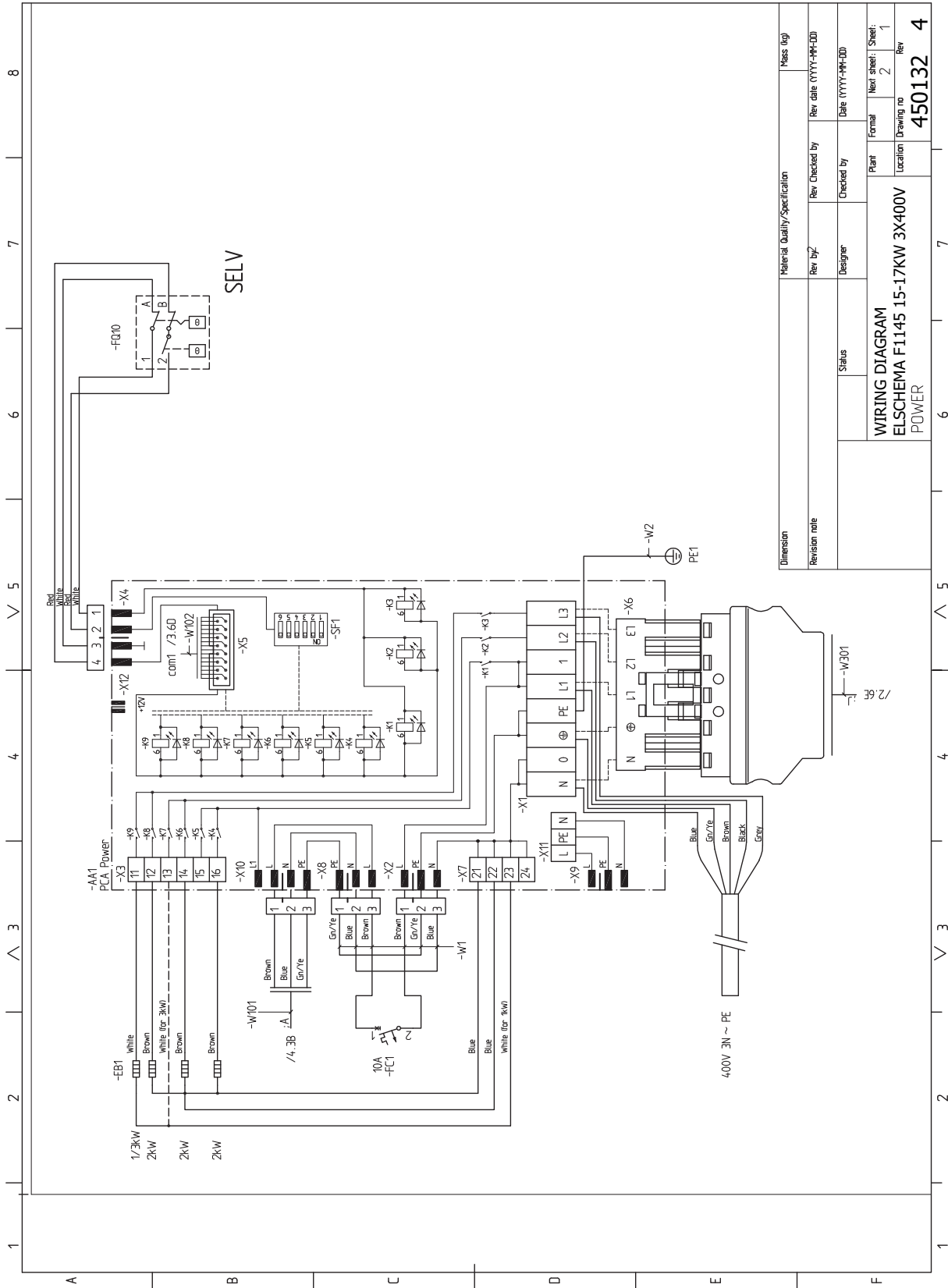
3X400V 12 KW (F1145/F1245)



SELV

Dimension	Material Quality/Specification	Mass (kg)
Revision rate	Rev. By	Rev. date (YYYY-MM-DD)
	Designer	Checked by
	Status	Date (YYYY-MM-DD)
<b>NIBE</b> NIBE AB MARKARYD SWEDEN		
WIRING DIAGRAM F1X45 12KW ELSHEMA F1X45 12KW DISPLAY		
Part =	Formal	Next sheet / Sheet:
A3		- / 6
Location	Drawing no	Rev
+1	450131	6

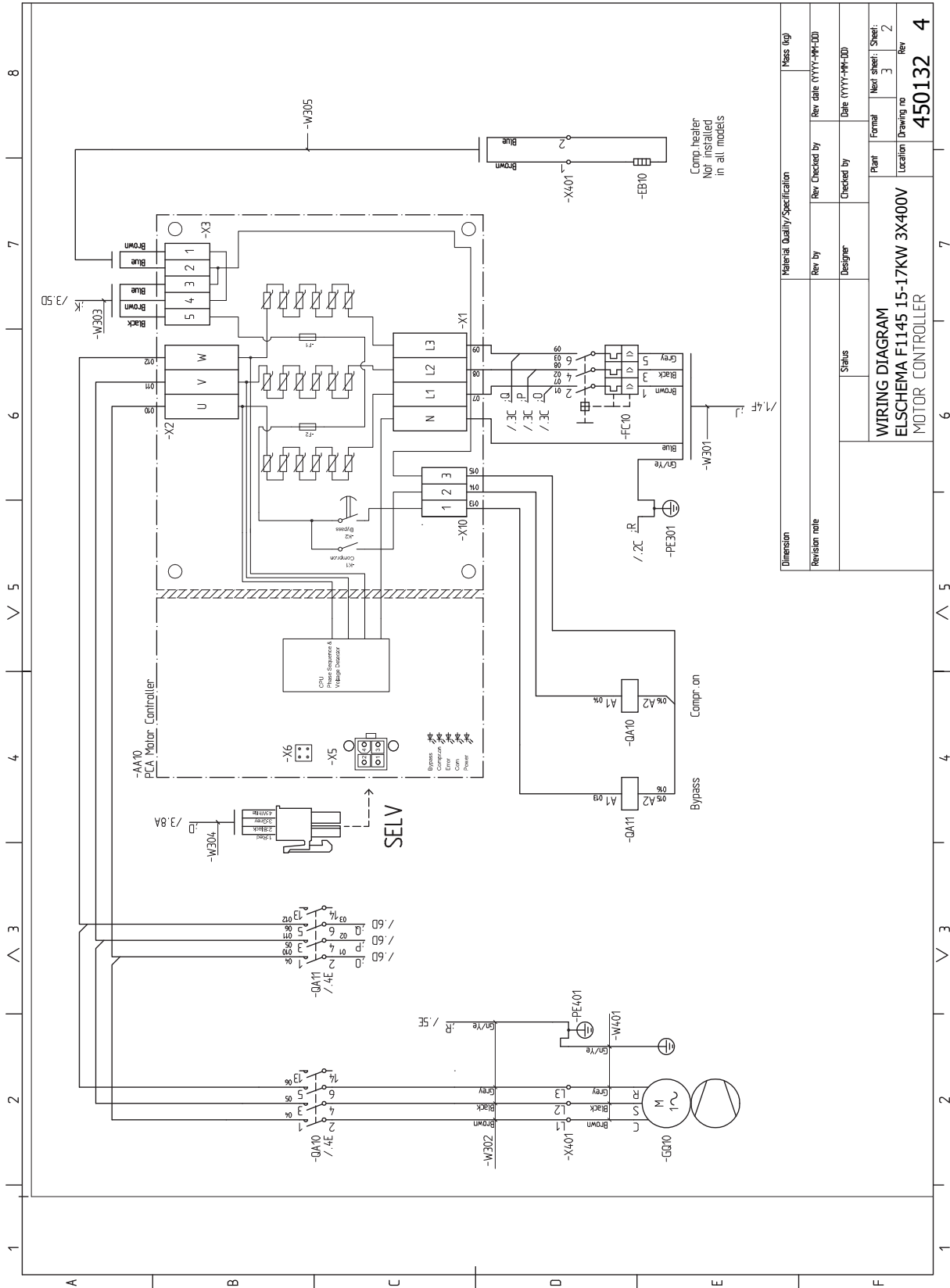
3X400V 15-17 KW (F1145)

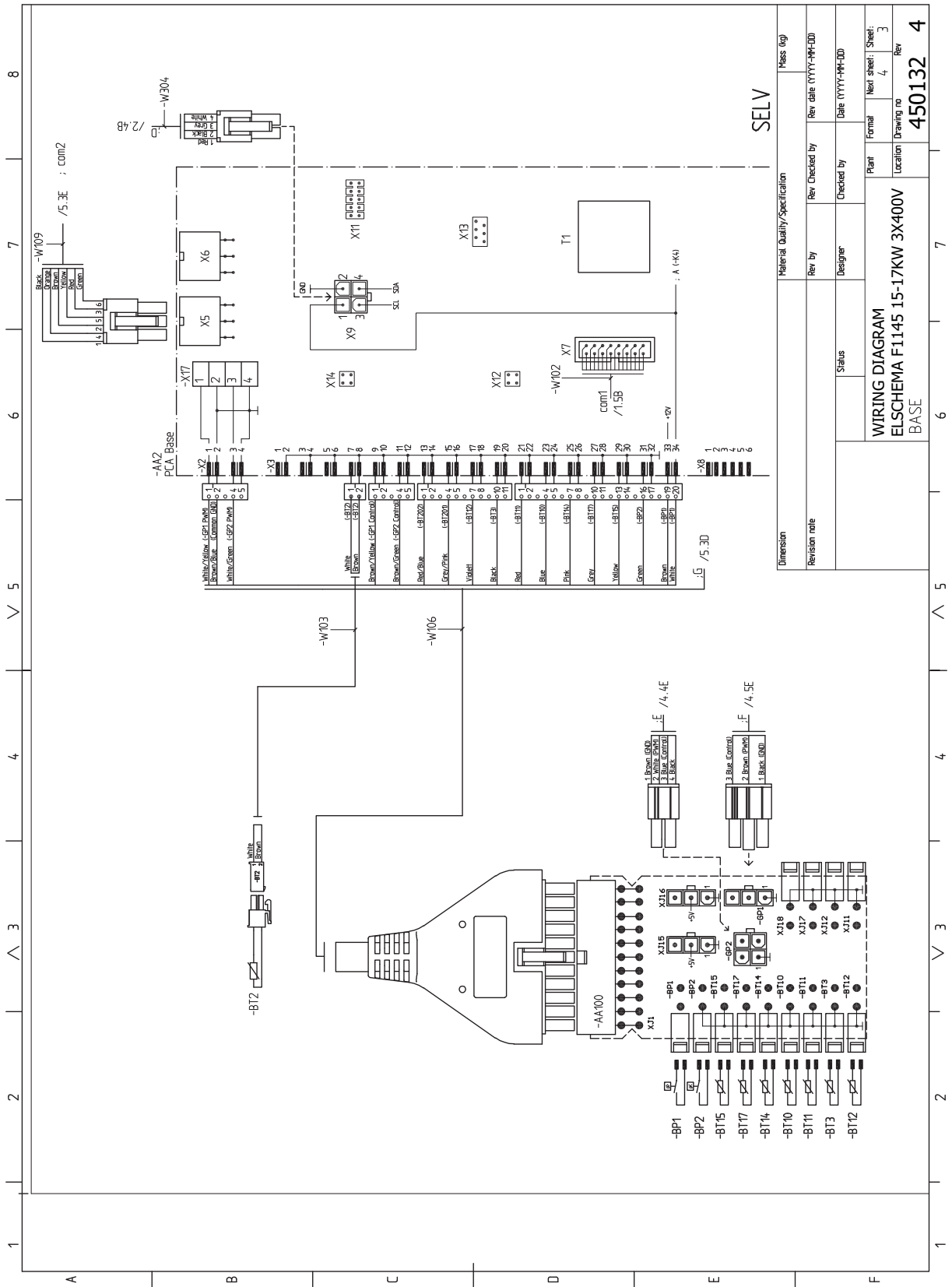


Material Quality/Specification		Mass (kg)	
Rev. by:	Rev. Checked by	Rev. date (YYYY-MM-DD)	
Designer	Checked by	Date (YYYY-MM-DD)	
Status	Plant	Formal	Next sheet: Sheet: 1
	Location	Drawing no	Rev 2
			450132 4



3X400V 15-17 KW (F1145)

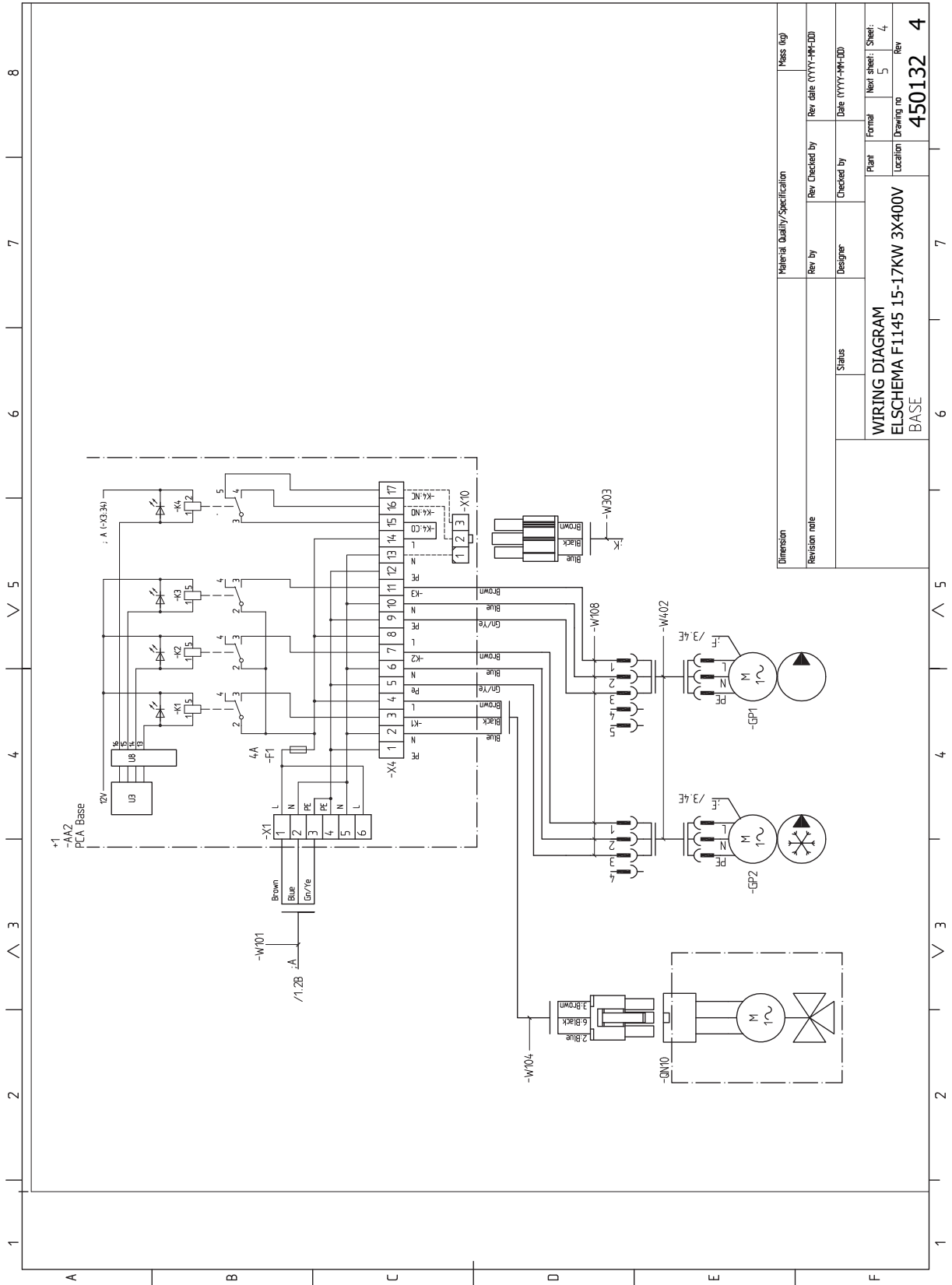




SELV

Material Quality/Specification		Mass (kg)	
Revision note	Rev. Checked by	Rev. date (YYYY-MM-DD)	
Status	Designer	Checked by	Date (YYYY-MM-DD)
Plant		Formal	Next sheet: Sheet: 3
Location		Drawing no	Rev 4
WIRING DIAGRAM		450132 4	
ELSCHEMA F1145 15-17KW 3X400V			
BASE			

3X400V 15-17 KW (F1145)

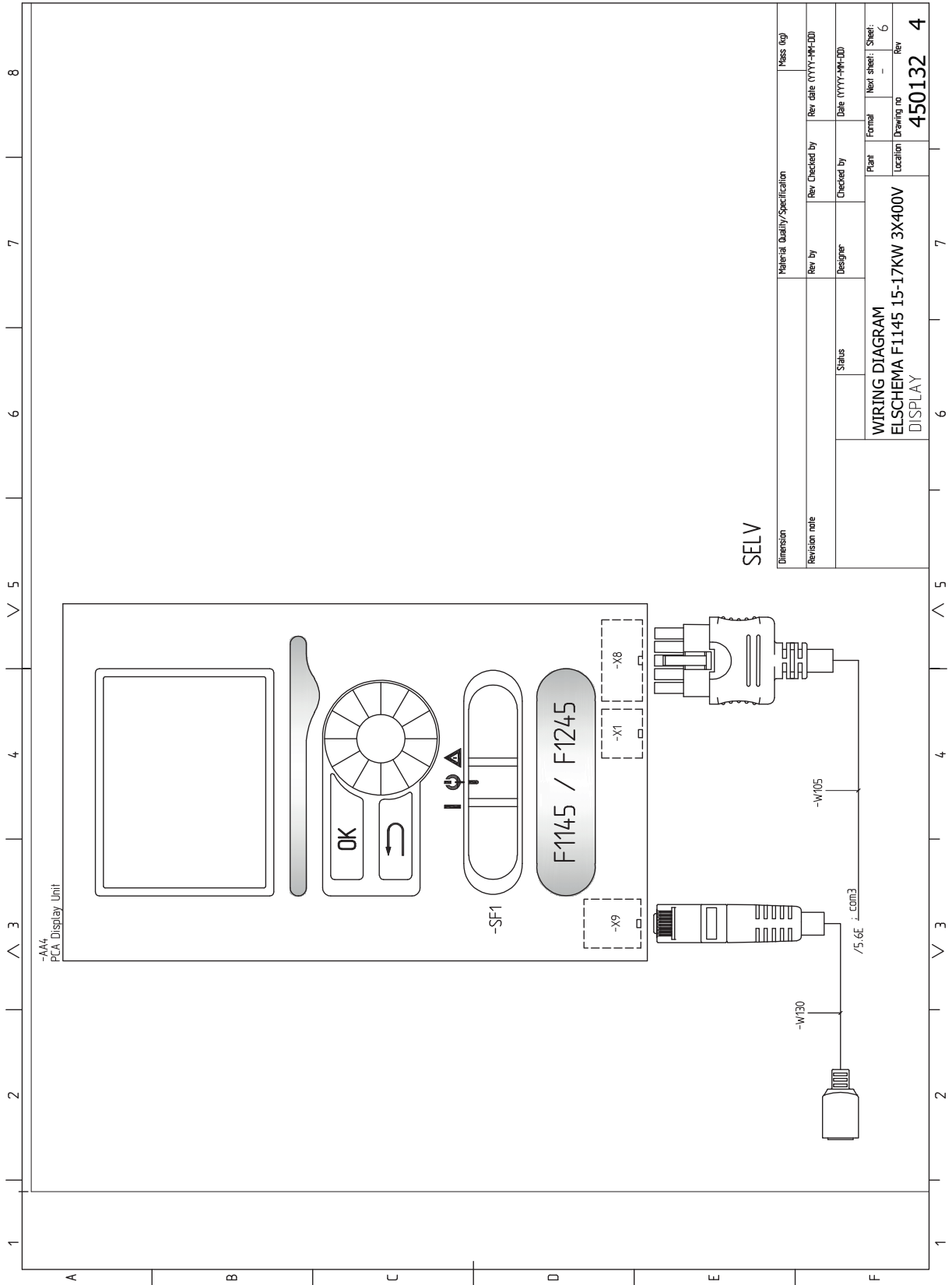


Dimension		Material Quality/Specification		Mass (kg)	
Revision note		Rev. by	Rev. Checked by	Rev. date (YYYY-MM-DD)	
Status		Designer	Checked by	Date (YYYY-MM-DD)	
Plant		Plant	Formal	Next sheet: Sheet:	4
Location		Location		Drawing no	450132
				Rev	4

WIRING DIAGRAM  
ELSCHEMA F1145 15-17KW 3X400V  
BASE



3X400V 15-17 KW (F1145)



Material Quality/Specification		Mass (kg)	
Rev. by	Rev. Checked by	Rev. date (YY-MM-DD)	
Designer	Checked by	Date (YYYY-MM-DD)	
Status		Plant	Formal
WIRING DIAGRAM		Next sheet: Sheet:	6
ELSCHEMA F1145 15-17KW 3X400V		Location	Drawing no
DISPLAY			450132
		Rev	4





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nibe.eu

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