

Wire color:

Main-voltage:

- L1 -Black
- L2 -Black
- L3 -Black
- N -Light blue
- PE / PE -Yellow / Green

Control-voltage alternating-voltage (AC)

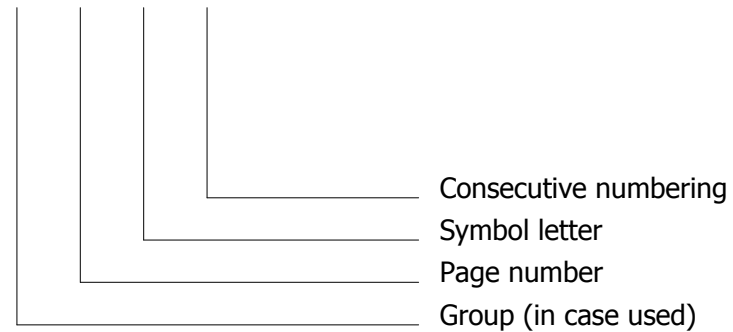
- Phase -Red
- Hook-up wire -Red
- Zero -Red

Control-voltage direct-voltage (DC)

- (+) -White
- Hook-up wire -White
- (-) -White

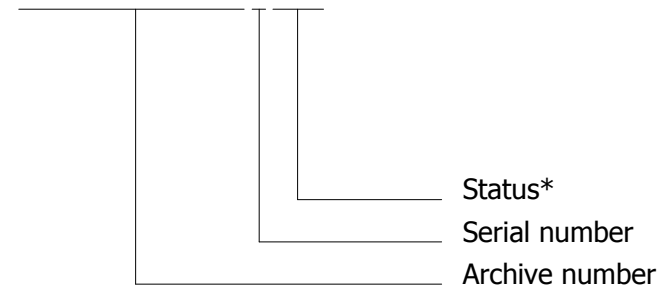
Symbol code explanation:

DP 5 Q 1



Archive number explanation:

PJ01.01234T1DR



* Status DR: Draft
 FA: For approval
 CF: Certified final

Pushbutton NO / NC

Pressure switch NO / NC

Pilot light

Main switch

Rotary switch NO / NC

Level switch NO / NC

Horn

Fuses load divider

Contact NO / NC

Relay

Valve

Diode module

NO Contact Cut-in delayed

Relay Time delayed on drop-out

Transformer

Resistance

NC Contact Cut-in delayed

Relay Time delayed on pick-up

Direct voltage supply

Motor safety switch

NO Contact Drop-out delayed

Relay Impulse

Terminal clamps

Final switch NO / NC

NC Contact Drop-out delayed

Ammeter

Fuses

Emergency stop NC

Voltmeter

Fuse terminal

Contact NO / NC Thermal

Working hour counter

Earth-leakage switch Earth-leakage protection

Key switch NO / NC

Current coil

Installation automatic Short-circuit and overcurrent protection

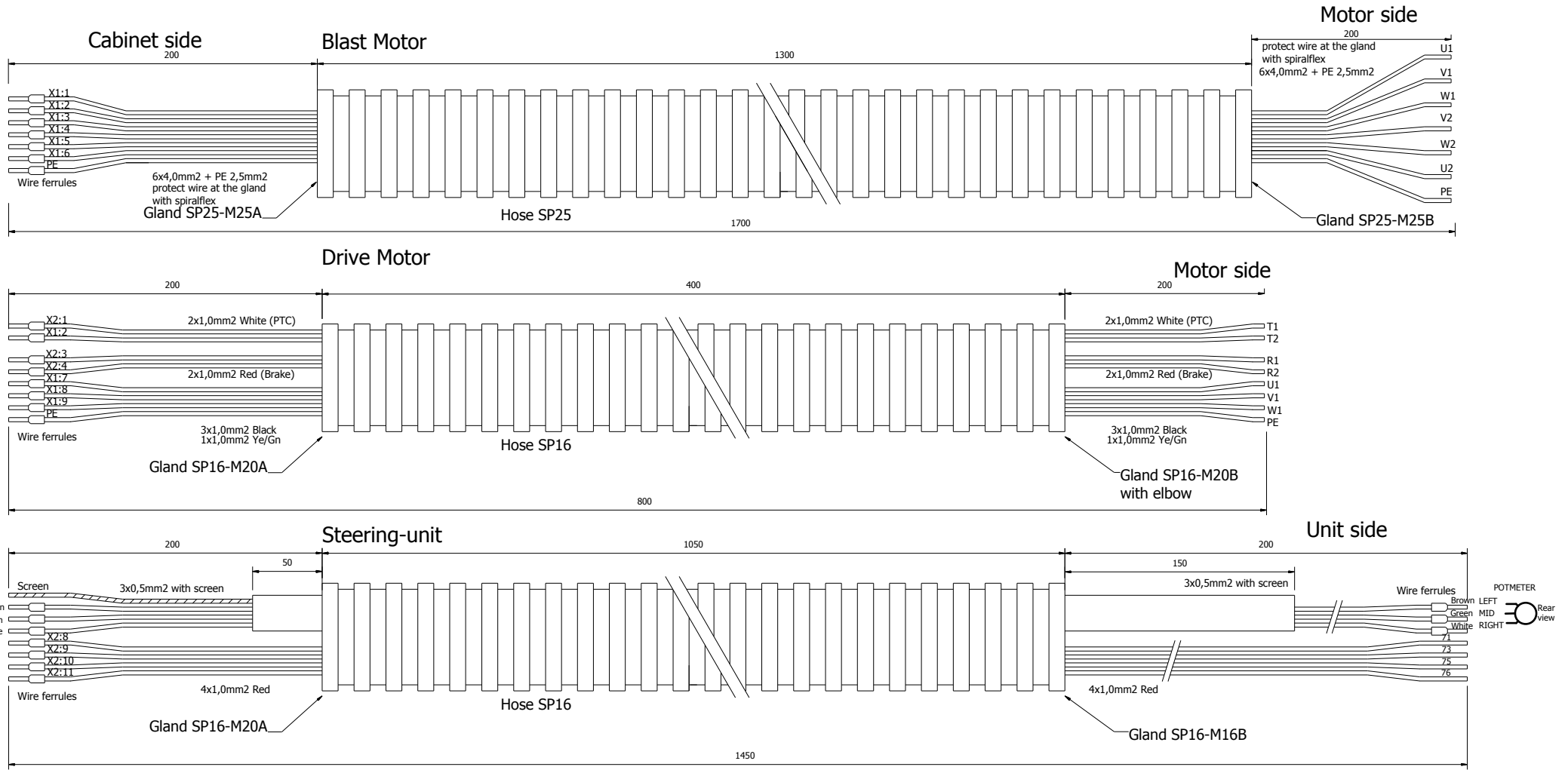
Thermostat NO / NC

Motor

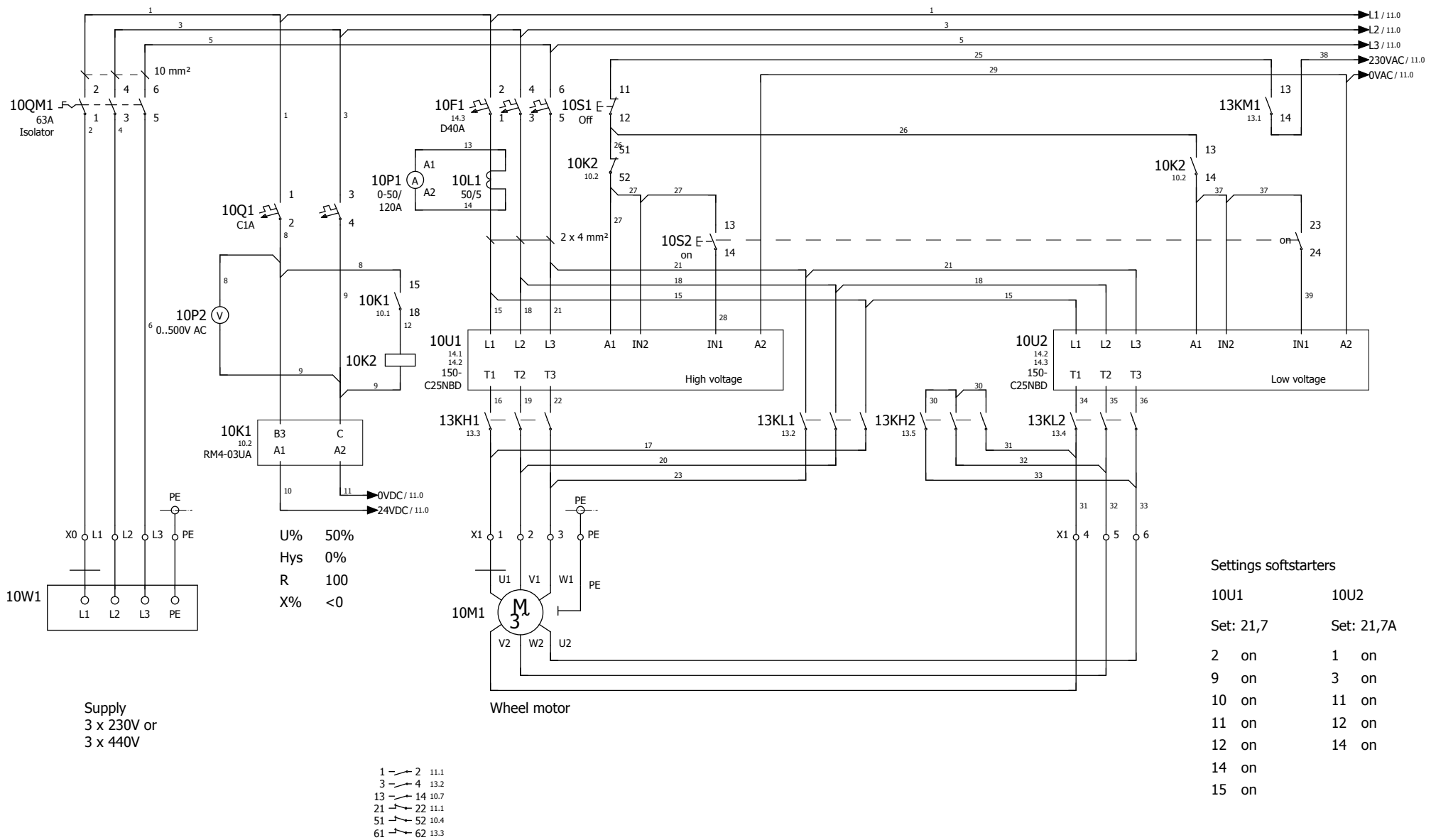
Autotransformer

				Project name: 1-10DS Dual voltage E05019		Page description: Symbol explanation		Customer: BLASTRAC BV		=
								Drawing number: PJ07.03394T7CF		+
Wijziging Datum Naam										Blad 5
Datum 16-12-2010										
Bew.										
Gecontr										
Last print 8-2-2011										

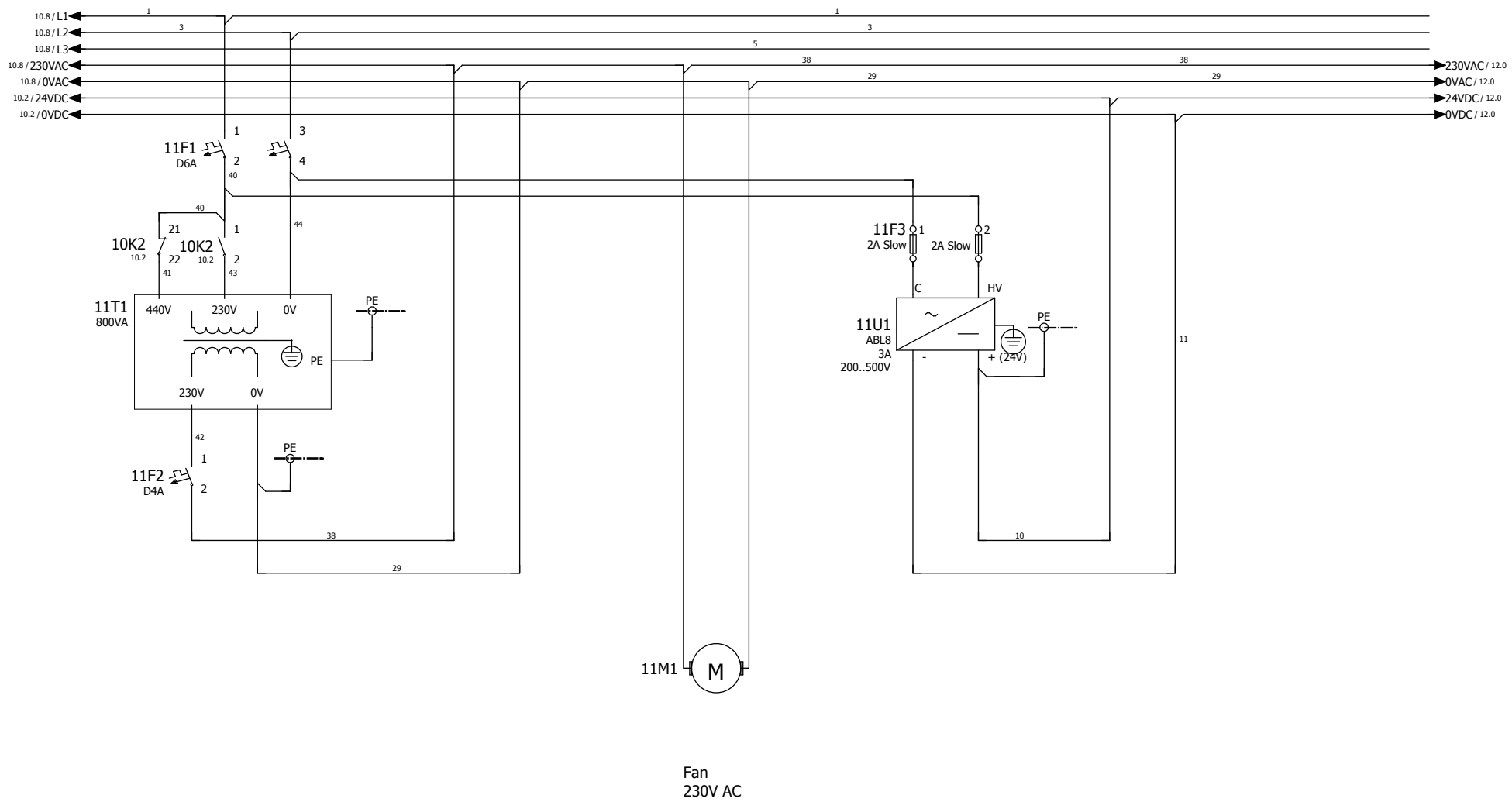
AWG



			Datum	16-12-2010	Project name:	1-10DS Dual voltage E05019		Page description:	Cable set	Customer:	BLASTRAC BV	=
			Bew.		Drawing number:			PJ07.03394T7CF		+		
			Gecontr					Blad		6		
Wijziging	Datum	Naam	Last print	8-2-2011								



Datum 8-2-2011				Project name: 1-10DS Dual voltage E05019		Page description: Main-Voltage		Customer: BLASTRAC BV		=	
Bew.				BLASTRAC				Drawing number: PJ07.03394T7CF		+	
Gecontr										Blad 10	
Wijziging	Datum	Naam	Last print 8-2-2011								



Wijziging	Datum	Naam	Datum
			8-2-2011
			8-2-2011

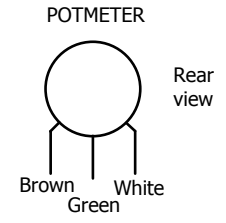
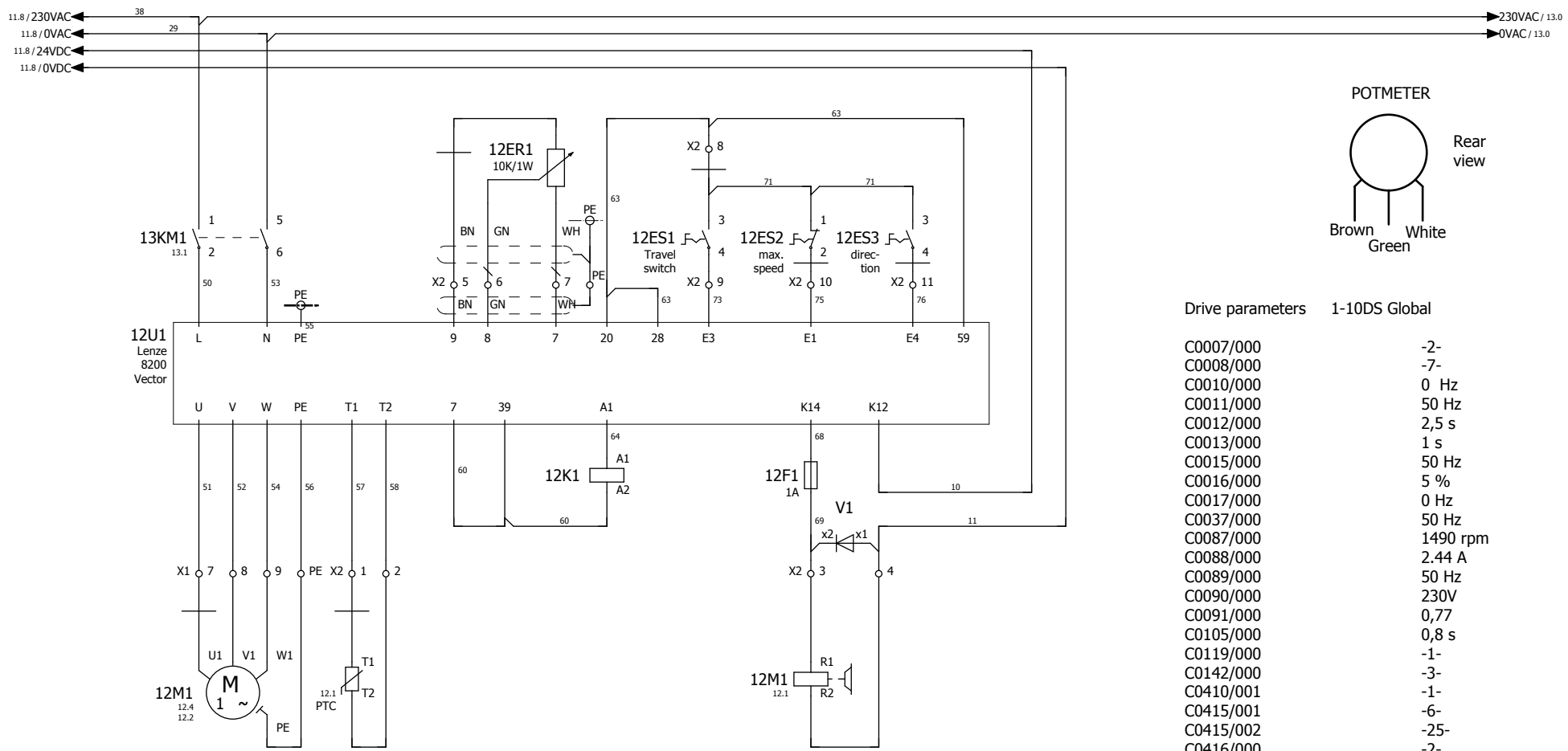
Project name:	1-10DS Dual voltage E05019
---------------	-------------------------------



Page description:	Main-Voltage
-------------------	--------------

Customer:	BLASTRAC BV
Drawing number:	PJ07.03394T7CF

=
+
Blad 11



Drive parameters 1-10DS Global

C0007/000	-2-
C0008/000	-7-
C0010/000	0 Hz
C0011/000	50 Hz
C0012/000	2,5 s
C0013/000	1 s
C0015/000	50 Hz
C0016/000	5 %
C0017/000	0 Hz
C0037/000	50 Hz
C0087/000	1490 rpm
C0088/000	2.44 A
C0089/000	50 Hz
C0090/000	230V
C0091/000	0,77
C0105/000	0,8 s
C0119/000	-1-
C0142/000	-3-
C0410/001	-1-
C0415/001	-6-
C0415/002	-25-
C0416/000	-2-
C0417/001	-1-
C0148/000	-1- (*)

(*) Motor identification will be 0 after applying

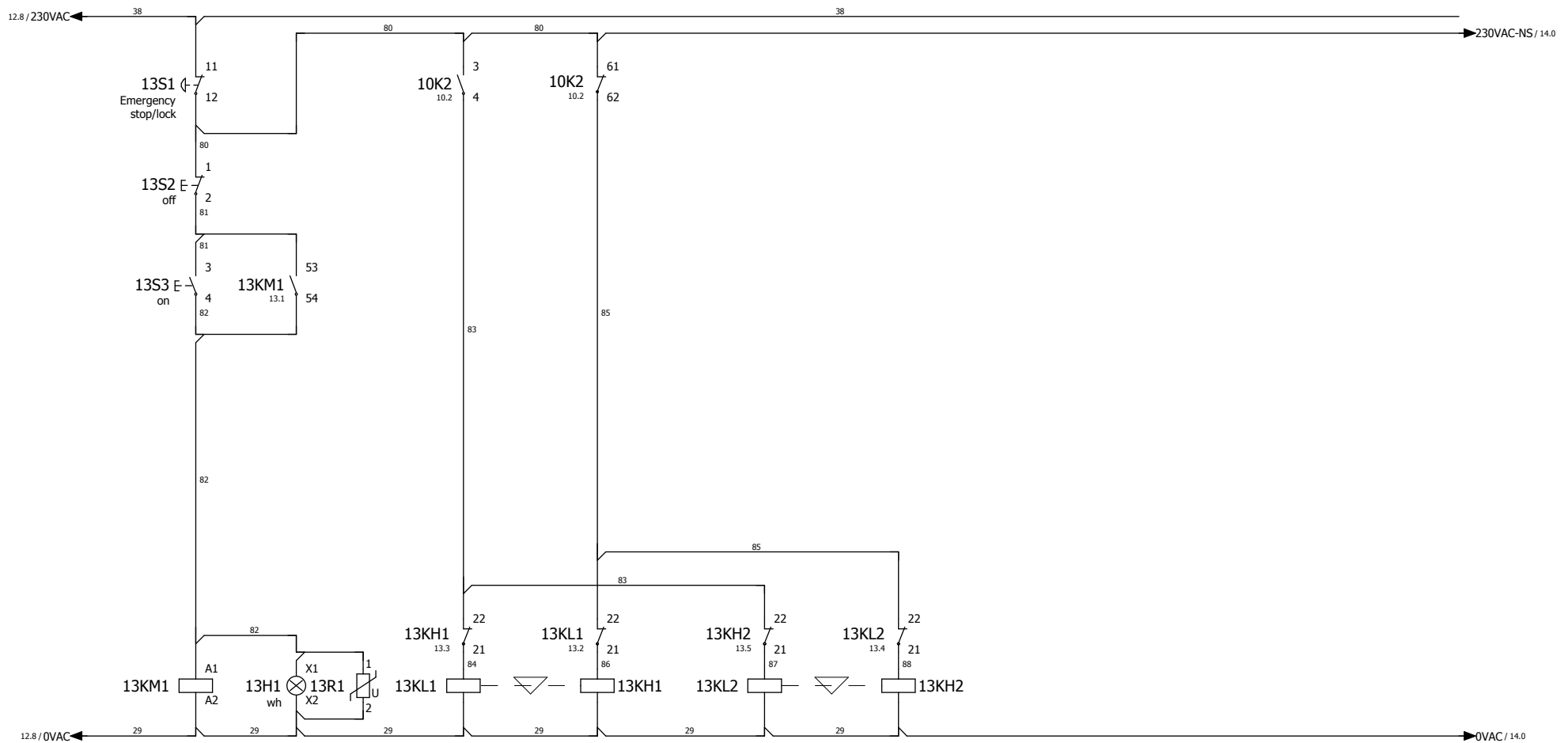
Drivemotor
0,55 kW
Incl.
Thermistor

* Connect drivemotor
in delta

Failure
drive

38.51.7.024.0050
12 → 11 14.4

Brake
24Vdc

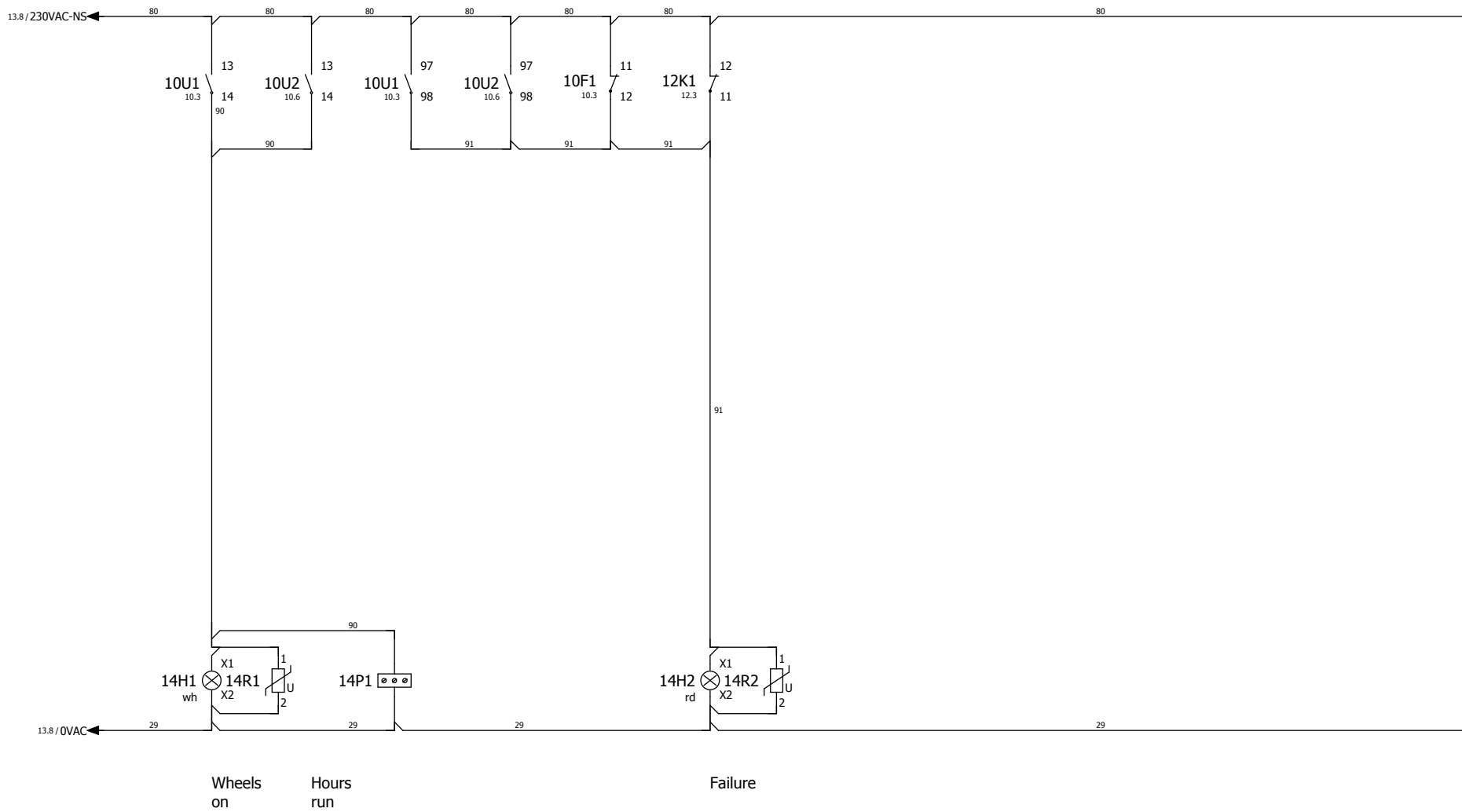


Control
voltage
on

LC1-D09-10-B7
LA1-DN20
1 → 2 12.1
5 → 6 12.1
13 → 14 10.8
53 → 54 13.2

→ 10.5	→ 10.3	→ 10.7	→ 10.6
→ 10.5	→ 10.3	→ 10.7	→ 10.6
→ 10.5	→ 10.3	→ 10.7	→ 10.6
22 → 21 13.3	22 → 21 13.2	22 → 21 13.5	22 → 21 13.4

Datum 17-1-2011				Project name: 1-10DS Dual voltage E05019		Page description: Control-Voltage		Customer: BLASTRAC BV		=
Bew.				BLASTRAC		Drawing number: PJ07.03394T7CF		Blad 13		+
Gecontr										© ART4 Technical Systems, Soest NL
Wijziging	Datum	Naam	Last print 8-2-2011							



			Datum	17-1-2011
			Bew.	
			Gecontr	
Wijziging	Datum	Naam	Last print	8-2-2011

Project name: **1-10DS Dual voltage E05019**

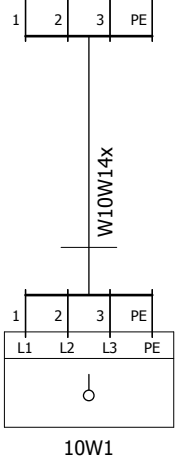


Page description: **Control-Voltage**

Customer: **BLASTRAC BV**
 Drawing number: **PJ07.03394T7CF**

X0

Internal connection	10QM1:1	10QM1:3	10QM1:5	PE
Bridges				
Terminal	L1	L2	L3	PE



			Datum	16-12-2010
			Bew.	
			Gecontr	
Wijziging	Datum	Naam	Last print	8-2-2011

Project name: **1-10DS Dual voltage**
E05019

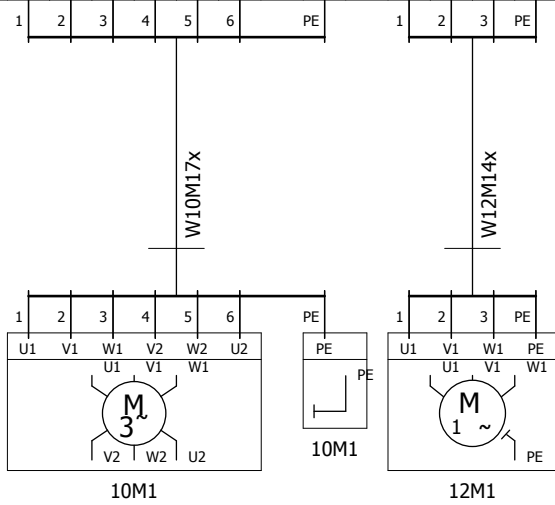


Page description: **Terminalstrip X0**
Supply 400V 50Hz.

Customer: **BLASTRAC BV**
Drawing number: **PJ07.03394T7CF**

X1

Internal connection	13KH1: 13KL1:	13KH1: 13KL1:	13KH1: 13KL1:	13KH1: 13KL1:	13KH2: 13KL2:	13KH2: 13KL2:	13KH2: 13KL2:	PE		12U1:U	12U1:V	12U1:W	12U1:PE
Bridges													
Terminal	1	2	3	4	5	6	PE			7	8	9	PE



Wheel motor

Drive motor

			Datum	16-12-2010
			Bew.	
			Gecontr	
Wijziging	Datum	Naam	Last print	8-2-2011

Project name:	1-10DS Dual voltage E05019
---------------	-------------------------------



Page description:	Terminalstrip X1 Main-Voltage
-------------------	----------------------------------

Customer:	BLASTRAC BV	=
Drawing number:	PJ07.03394T7CF	+ Blad
		21

X2

Internal connection	12U1:T1	12U1:T2	12F1:	11U1:24V	12U1:9	12U1:8	12U1:7	12U1:20	12U1:59	12U1:E3	12U1:E1	12U1:E4
Bridges												
Terminal	1	2	3	4	5	6	7	8	9	10	11	

