



*Power
wherever
you are*™

wiring diagram for:

AC P4k PMS 230V 50Hz

www.fischerpanda.de

project number:

drawing number: 072170_00_00

date: 18.03.16

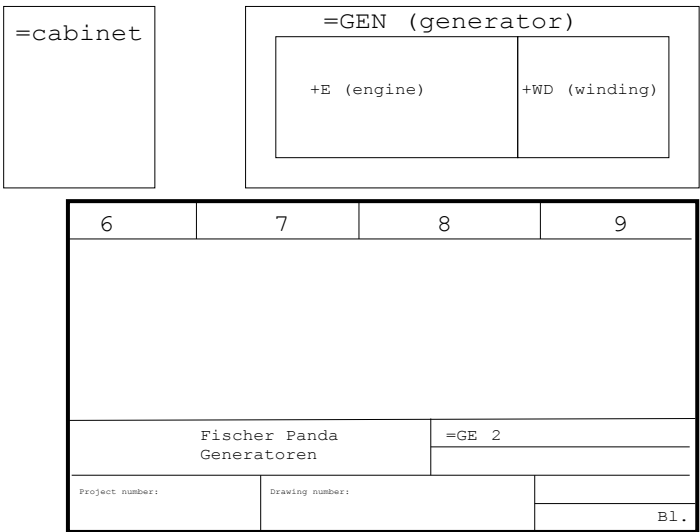
drawer: domjuergens

checked:

Fischer Panda GmbH - Otto-Hahn-Str. 40 - D-33104 Paderborn - +49(0)5254/9202-0 - info@fischerpanda.de

General notes on the wiring diagram

system indication:



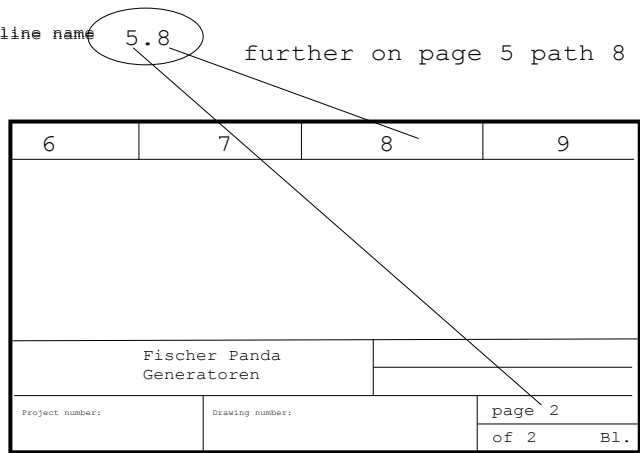
component name:

- A = Multifunctional
- B = Dissipation signals
- C = Capacitors
- F = Protective device
- G = Winding/battery
- K = Signal handling /relay
- M = Motor/pump/ventilator
- P = Illustration information
- Q = Power contactor
- R = Diode/resistor
- S = Switches
- T = Energy dissipation
- X = Connectors/clamps

color code:

- BK = black
- BN = brown
- RD = red
- OR = orange
- YE = yellow
- GN = green
- VT = violet
- GY = grey
- WH = white
- PK = pink
- BU = blue

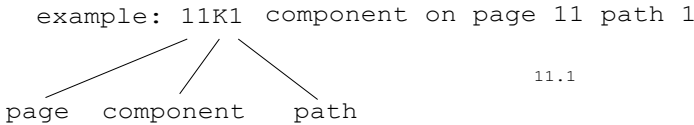
Cross reference:



legend:

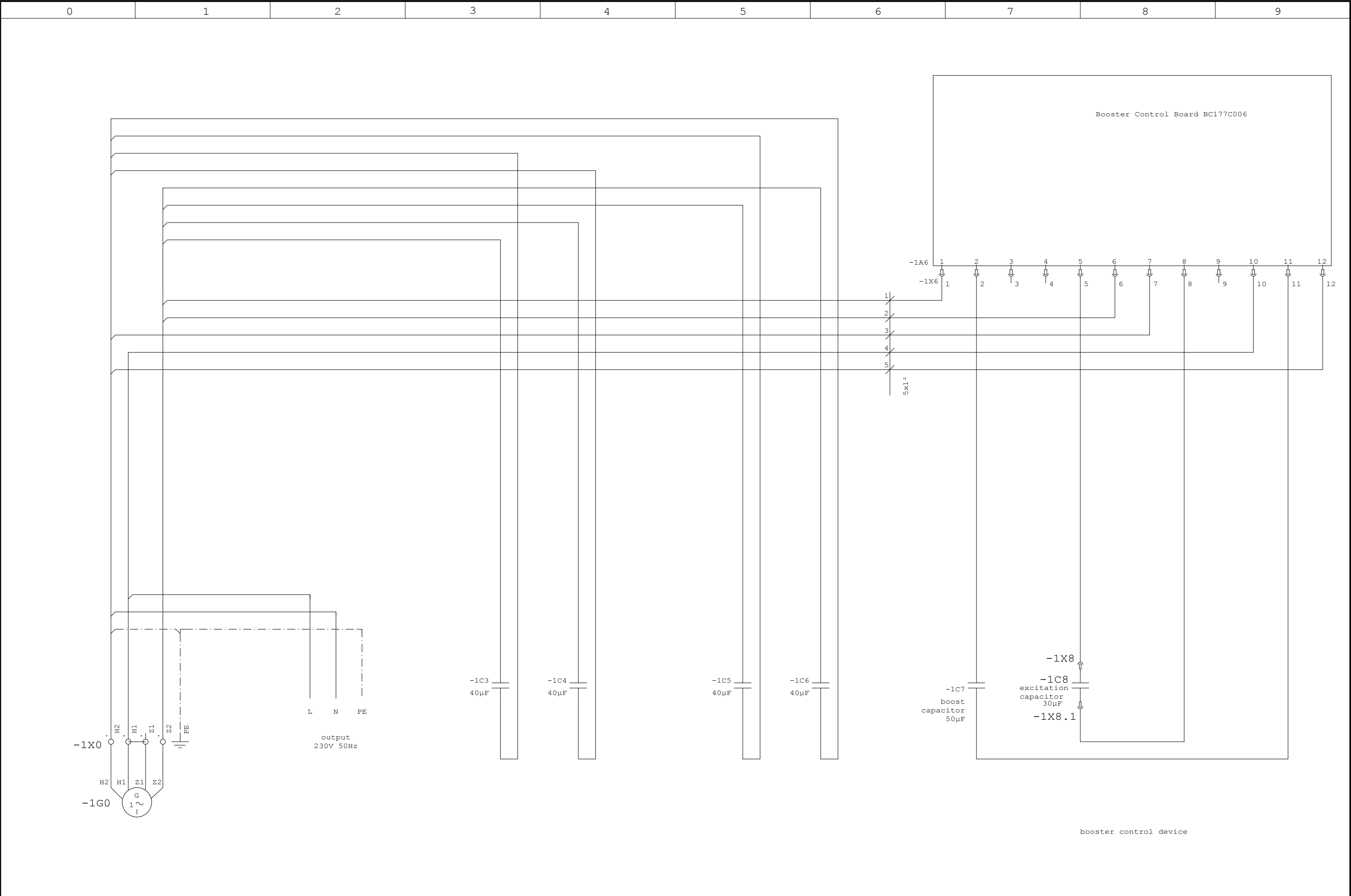
external components -----
lines
lines n=optional -----

Component designation:



- NO = normally open
- NC = normally closed

color definition:	application:	remark:
green/yellow	protective earth according to VDE 0100-200	
black	main circuit for AC- and converter circuits	also AC metering voltage
light blue	neutral conductor from main circuit	
yellow	control circuit for AC with control transformer	L and N both yellow
red	control circuit for DC 12V	
grey	control circuit for DC 24V	
white	control circuit for DC 48V	
brown	control circuit for DC GND	for 12V, 24V and 48V
violet	analogue measuring circuit	e.g. VDO, current transformer DC metering voltage
orange	locking circuit with external voltage supply	e.g. external emergency stop
green	extra voltage	e.g. PWM-signal, 5V signal



				date	18.03.16	AC P4k PMS 230V 50Hz			Fischer Panda GmbH		Fischer Panda Generatoren		=	
				drawer	domjuergens				Otto-Hahn-Str. 40		+			
				proved					D-33104 Paderborn		project number:		drawing number:	
respon.	change	date	name	rule		origin	replaced f.	replaced by	+49(0) 5254/9202-0		072170 00 00		scale:	
									www.fischerpanda.de		A3 1:1		1	
											1		pg.	

list of materials page 1

Nr.	BMK	qty.	Fischer Panda article number	description	
-----	-----	------	---------------------------------	-------------	--

[illegible]