



*Power
wherever
you are*™

wiring diagram for:

AC P4k PMS 120/240V 60Hz

www.fischerpanda.de

project number:

drawing number: 072171_00_00

date: 18.03.16

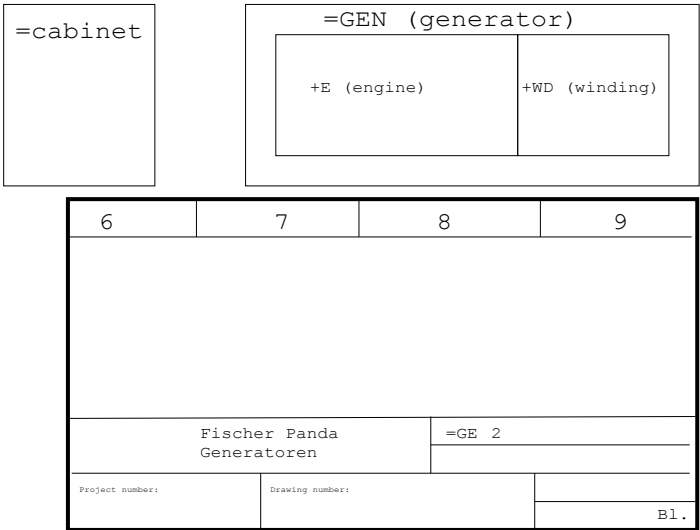
drawer: domjuergens

checked:

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General notes on the wiring diagram

system indication:



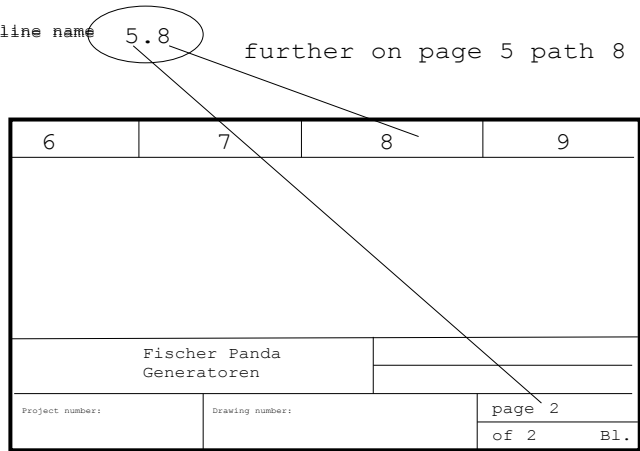
component name:

- 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

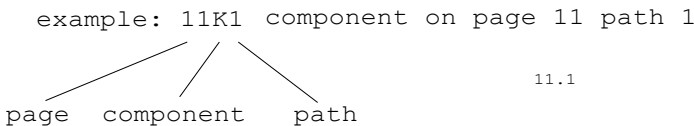
Cross reference:



legend:

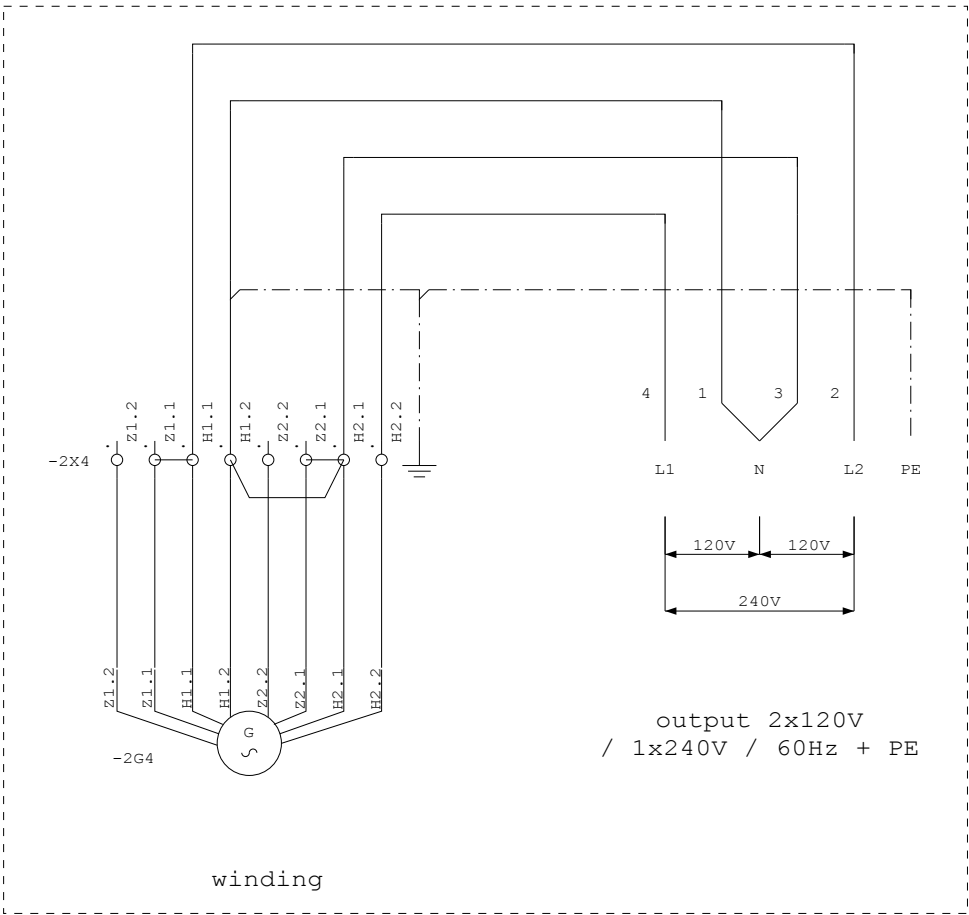
external components -----
lines
lines n=optional -----

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



optional

list of materials

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[illegible]