



*Power
wherever
you are*™

wiring diagram for:

AC P5mini PMS 120/240V 60Hz

www.fischerpanda.de

project number:

drawing number: 072169_00_00

date: 18.03.16

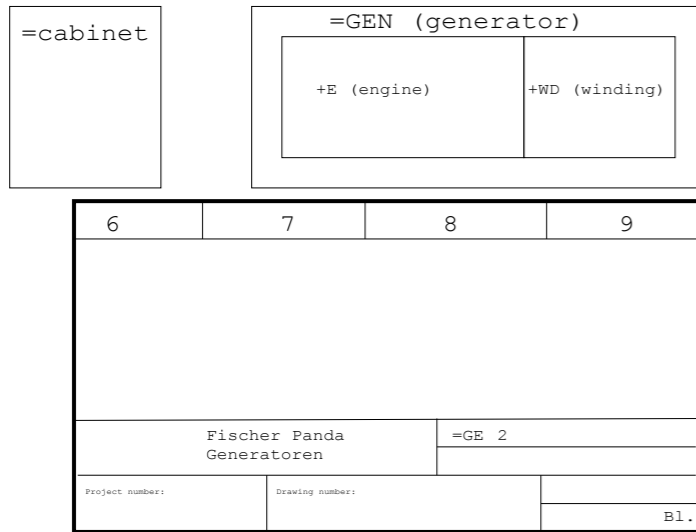
drawer: domjuergens

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:

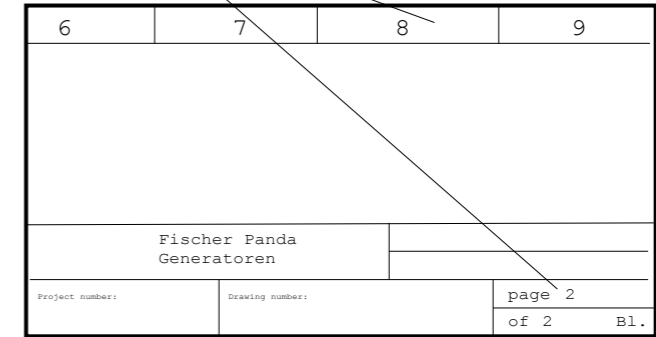
- A = Multifunctional
- B = Dissipation signals
- C = Capacitors
- F = Protective device
- G = Winding/battery
- K = Signal handling /relay
- M = Motor/pump/ventilator
- P = Illustration information
- Q = Power contactor
- R = Diode/resistor
- S = Switches
- T = Energy dissipation
- X = Connectors/clamps

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:

line name 5.8 further on page 5 path 8



Component designation:

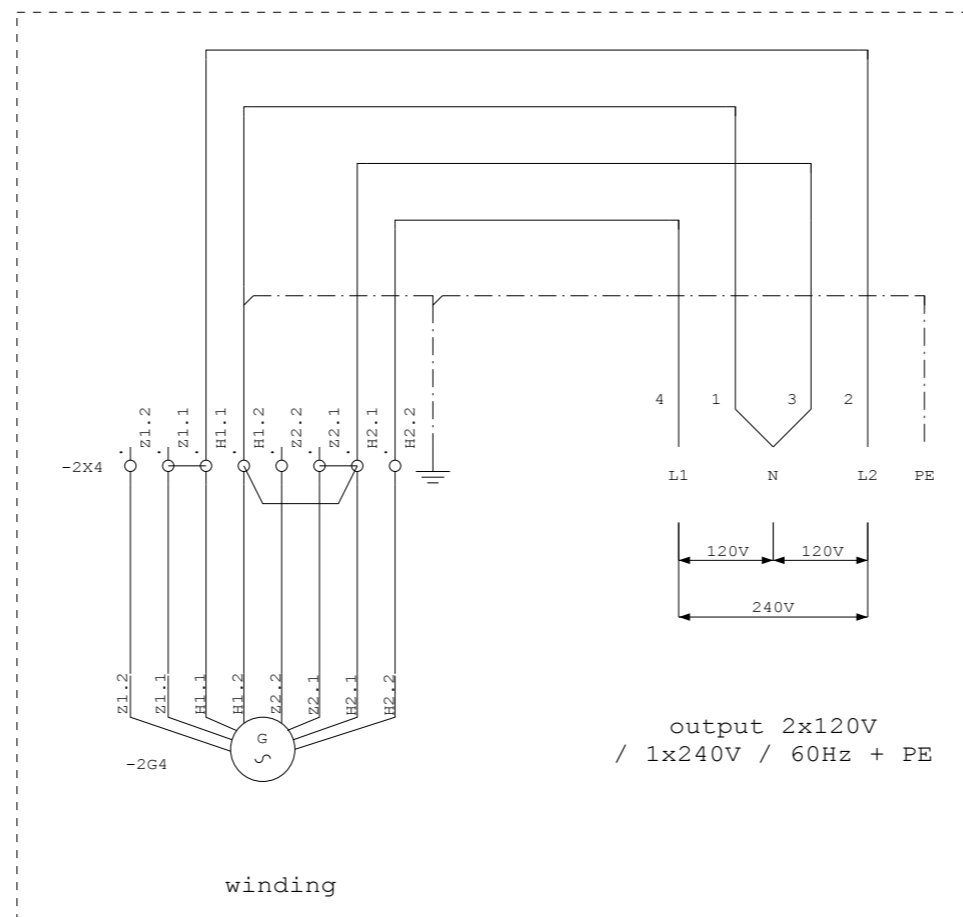
example: 11K1 component on page 11 path 1
 11.1
 page component path

legend:

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

- 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

				date	18.03.16	AC P5mini PMS 120/240V 60Hz			Fischer Panda GmbH		Fischer Panda Generatoren		=		
				drawer	domjuergens				Otto-Hahn-Str. 40		D-33104 Paderborn		project number:		+
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