



Power
wherever
you are™

wiring diagram for:

AGT 5000-12000 12-48V 12VStart

www.fischerpanda.de

project number: standard

drawing number: 070502_08_00

date: 22.11.19 drawer: T.urban checked: TB

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General notes on the wiring diagram

system indication:

=cabinet

=GEN (generator)

+E (engine)

+WD (winding)

6	7	8	9
Fischer Panda Generatoren		=GE 2	
Project number:	Drawing number:		
		Bl.	

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

legend:

external components

lines

lines n=optional

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

6	7	8	9
Fischer Panda Generatoren			
Project number:	Drawing number:	page 2	
		of 2 Bl.	

Component designation:

example: 11K1 component on page 11 path 1

page

component

path

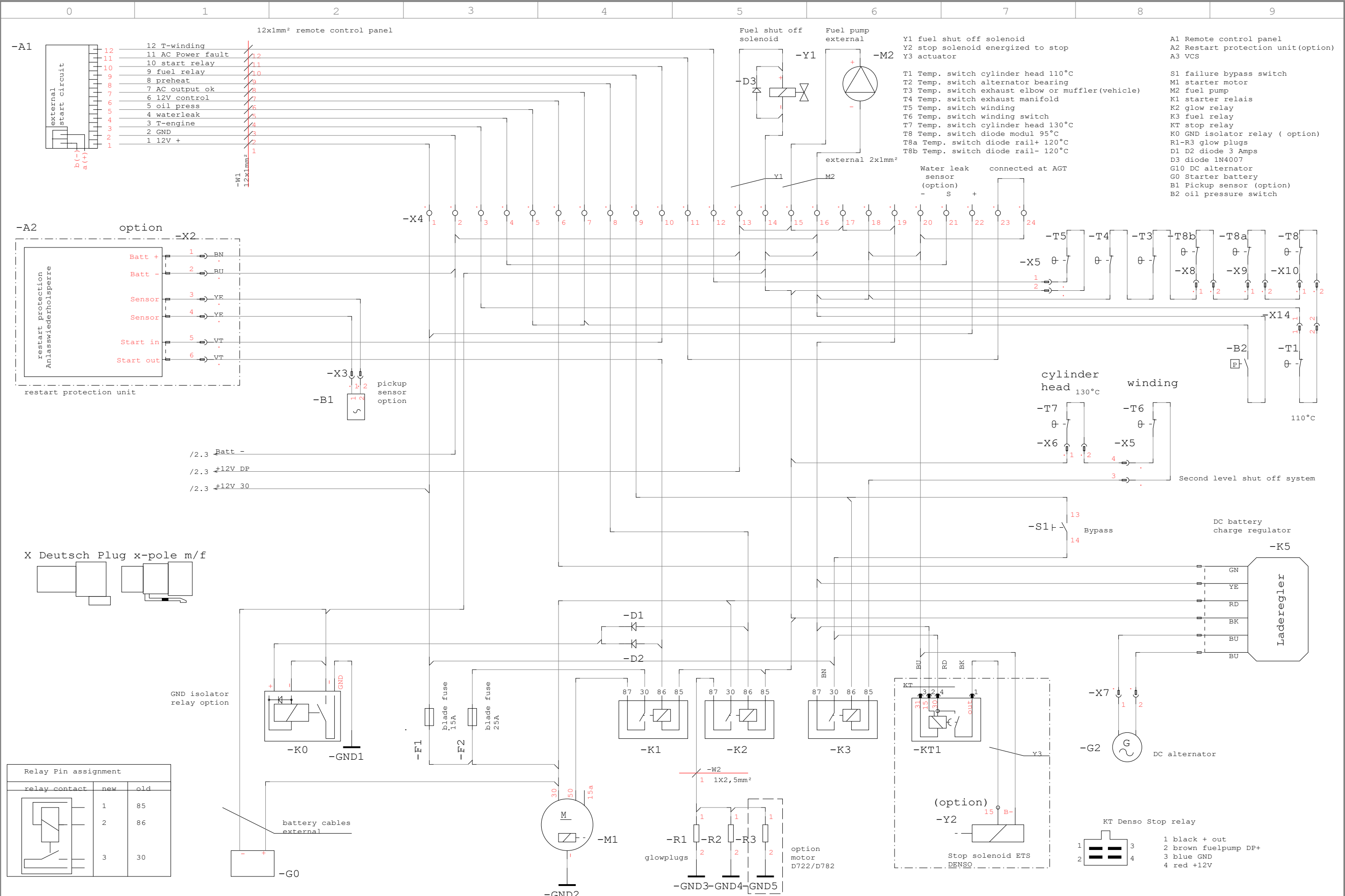
11.1

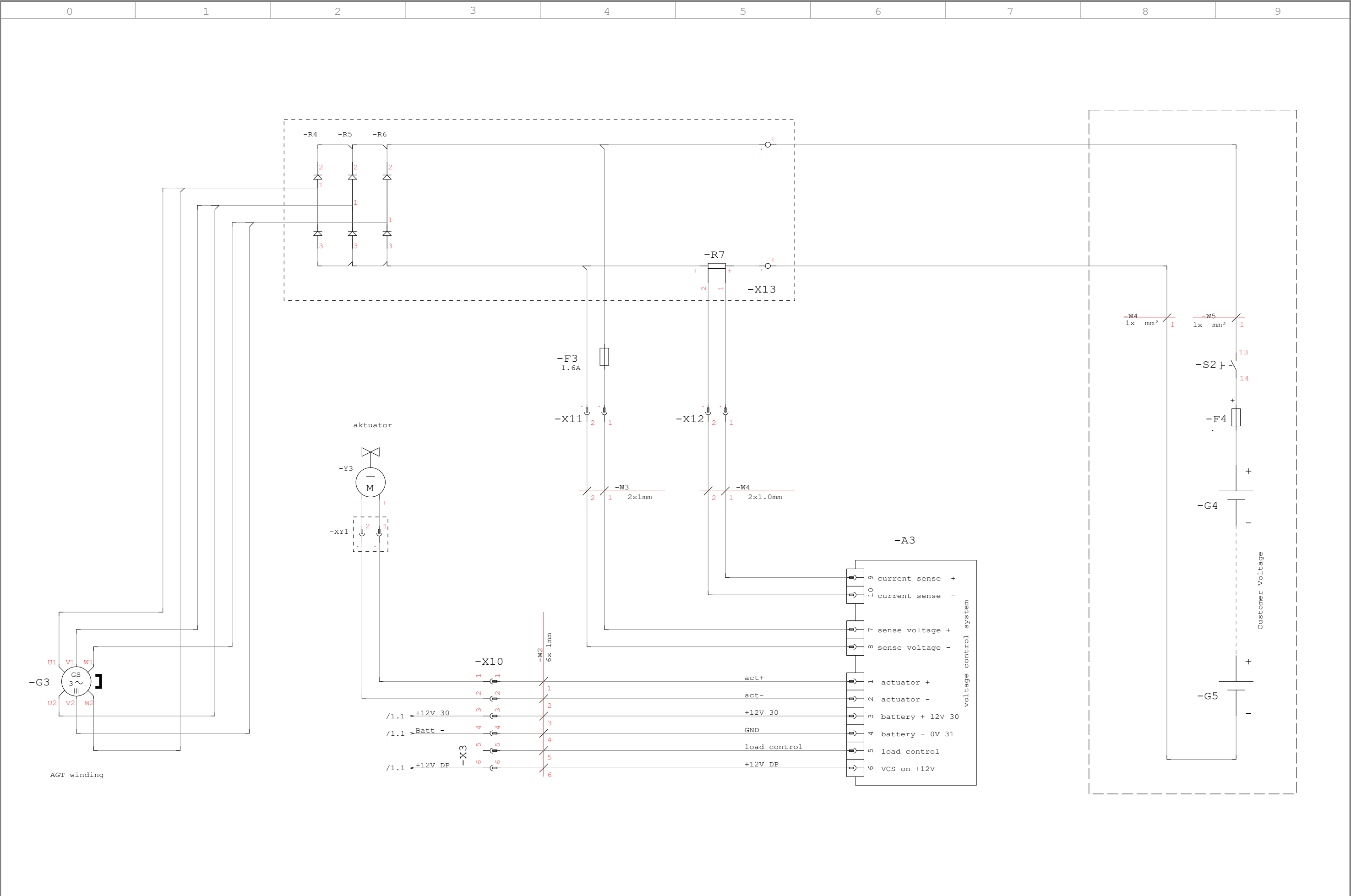
NO = normally open

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	
dark blue	control circuit for AC with control transformer	L and N both dark blue
red	control circuit for DC 12V	
grey	control circuit for DC 24V	
white	control circuit for DC 48V	
yellow	control circuit for DC >60V	
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

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				drawer	T.urban										+
				proved	TB										
respon.	change	date	name	rule		origin 0700502_00_00	replaced f. 0700502_06_00	replaced by ---			project number:	drawing number:	scale:	2	
											standard	070502 08 00	A3 1:1	2	pg.