Project:

Control MP204 1-7,5 DOL

Georgien

Company:

Grundfos

control box design

DISTRIBUTOR LARGENESS:	750x500x320	(BxHxT)
SOCKET:	900	(H)
COLOUR:	polyester	
PROVISIONS:	EVU Austria	
CABLE LEAD-IN:	below	(BxH)
DOOR:	right	

color of circuit wiring

MAIN CURRENT WIRE 400/230V:		black
NEUTRAL WIRE:		blue
EARTH WIRE:		yelow/green
CONTROL VOLTAGE 230VAC:	L/N	brown/blue
CONTROL VOLTAGE 0-24VAC:	L/N	orange/white
CONTROL VOLTAGE 0-24VDC:	+/-	red/white
GND, DDC:		white
MEASURE WIRE, SENSOR:		green
POTENTIAL FREE WIRE:		violet
SEPARATE VOLTAGE:		violet

_ ! ! A T T E N T I O N ! ! _

If changes will be made in the distributor or external plugs which are not done by producer, guarantee will run out. Costs arising through it would not be admitted. If it becomes necessary, out of technical reasons, you have to inform the producer. Pay attention to local electricity provisions! Synchronize engine protection plugs to the current input of the engines and control all screws, terminals and plugs, if necessary they have to be tighten up, before putting into operation.

C O N T E N T S

000 cover sheet

001 main input

002 pump 1

GRUNDFOS

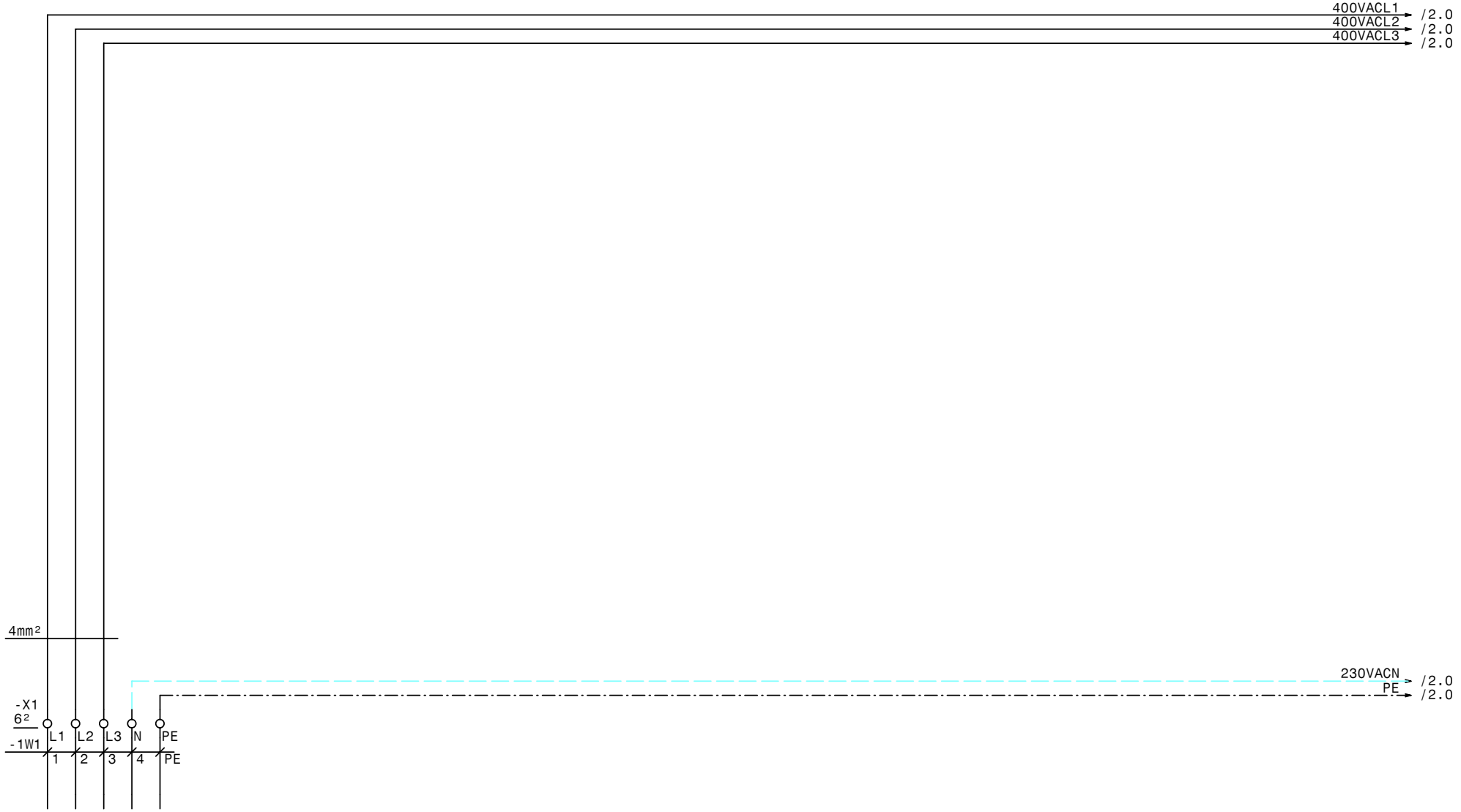
DATE	26.06.09
DRAWN	Hattinger
CHECK	
Norm	

elpe ELEKTRO ANLAGENBAU

Control MP204 1-7,5 DOL
Georgien
cover sheet

DRAWING No.: 102/09/01
Blatt 0
von 2 PAGES

www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net

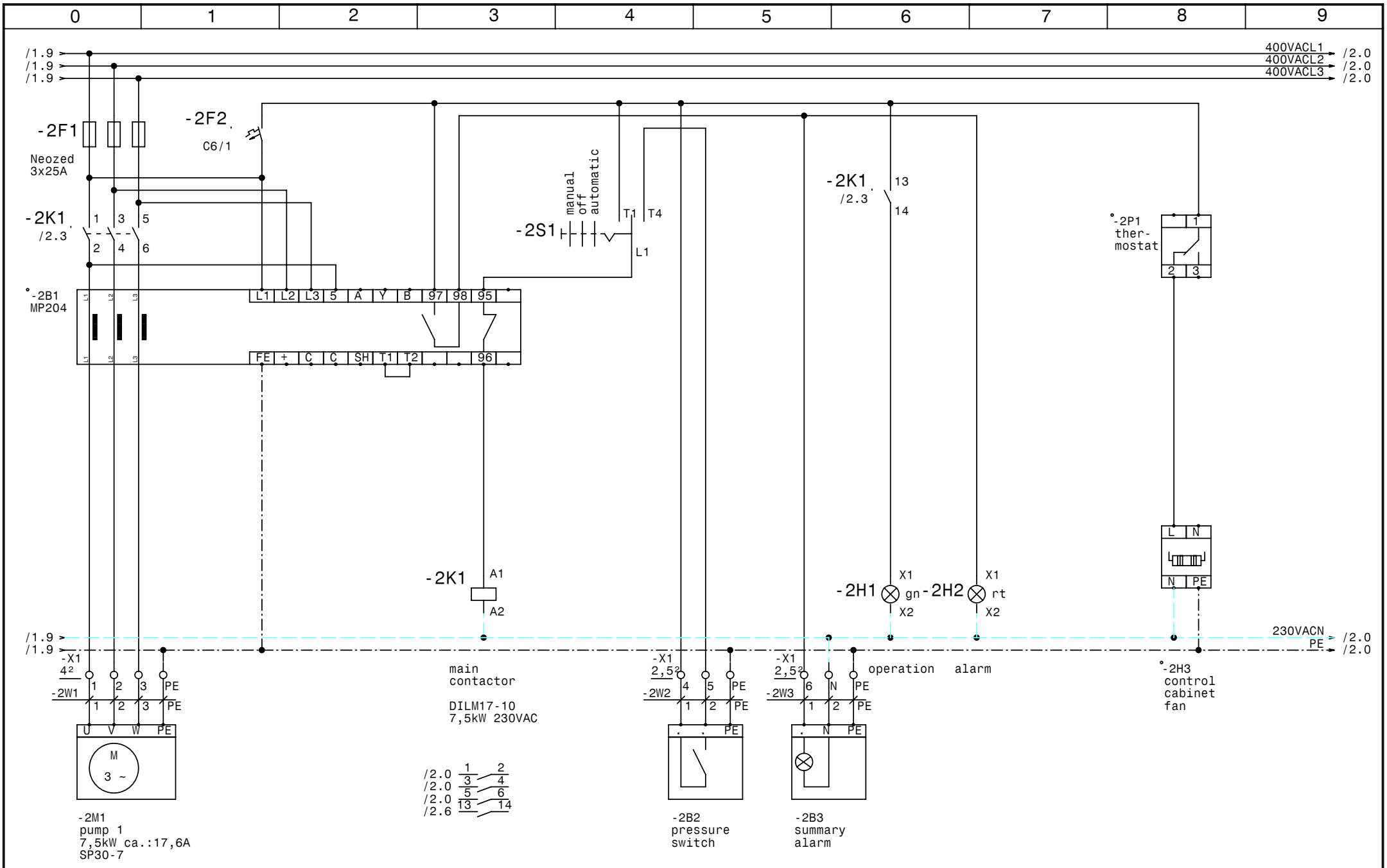


main input
3 x 400V AC N PE

In = ca.: 18A
VS min = 35A
VS max = 35A
AK = 6mm²

GRUNDFOS	DATE	26.06.09	elpe ELEKTRO ANLAGENBAU	Control MP204 1-7,5 DOL Georgien main input	DRAWING No.: 102/09/01
	DRAWN	Hattinger			Blatt 1
	CHECK				von 2 PAGES
	Norm				

www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net



GRUNDFOS	DATE	26.06.09	elpe ELEKTRO ANLAGENBAU	Control MP204 1-7,5 DOL Georgien pump 1	DRAWING No.: 102/09/01
	DRAWN	Hattinger			Blatt 2
	CHECK				von 2 PAGES
	Norm				

www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net

0	1	2	3	4	5	6	7	8	9

No.	extern plugs	wires code	kind of wires	number of cables	name
1	-1We1	-1W1	5x6JZ PG21	5	main input 3 x 400V AC N PE
2	-2M1	-2W1	4x4JZ PG16	4	pump 1
3	-2B2	-2W2	3x1,5JZ PG 11	3	pressure switch
4	-2B3	-2W3	3x1,5JZ PG 11	3	summary alarm

GRUNDFOS

DATE	26.06.09
DRAWN	Hattinger
CHECK	
NORM	

ELEKTRO ANLAGENBAU

Cable list

DRAWING No.: 102/09/01

PAGE 1 OF 1 PAGES

www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net

0	1	2	3	4	5	6	7	8	9

Stück Zahl	Artikel Bezeichnung	Artikel Beschreibung	Artikel Bezüge
1		MP204	-2B1
1	Neozed 3x25A	Neozed 3x25A	-2F1
1	C6/1	Sicherungsautomaten	-2F2
1	Signalleuchte grün	Signalglimmlampe grün	-2H1
1	Signalleuchte rot	Signalglimmlampe rot	-2H2
1		Schaltschrankheizung	-2H3
1	DILM17-10(230V50HZ)	Schütz	-2K1
1	750x500x320	Schaltschrank	-0N1
1		Thermostat	-2P1
1	M10HEU1	Umschalter 1pol. 1-0-2	-2S1
1	PG 21	Kabelverschraubung	-1W1
1	PG 16	Kabelverschraubung	-2W1
2	PG 11	Kabelverschraubung	-2W3, -2W2
3	Klemme 6 grau	Klemme L	-X1
1	Klemme 6 blau	Klemme N	-X1
1	EK 6 ge/gr	Erdungsklemme	-X1
3	Klemme 4 grau	Klemme L	-X1
1	EK 4 ge/gr	Erdungsklemme	-X1
3	Klemme 2,5 grau	Klemme L	-X1
2	EK 2,5 ge/gr	Erdungsklemme	-X1
1	Klemme 2,5 blau	Klemme N	-X1

Zust.	Änderung	Datum	Name		
				Datum	16.06.09
				Bearb.	Hattinger F.
				Gepr.	
				Norm	

elpe
ELEKTRO
ANLAGENBAU

Control MP204 1-7,5 DOL
Georgien

Materialliste

Zeichn.Nr.: 102/09/01
Blatt 1
von 1 Bl.

www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net www.elpe.net