Project:

Hydrocontrol DL 1,1-1A FTW325

Lacor Hospital Abwasser

Company:

Grundfos

ORDERING INFORMATION:

ORDER / DATE.:	4507270756/ 11.03.2014
CUSTOMER:	BBM-7204393

control box design

CABINET DIMENSION:	400x500x200	(BxHxT)
COLOUR:	RAL 7035	
PROVISIONS:	IP54	
CABLE LEAD-IN:	below	(BxH)
DOOR:	right	

wiring colors

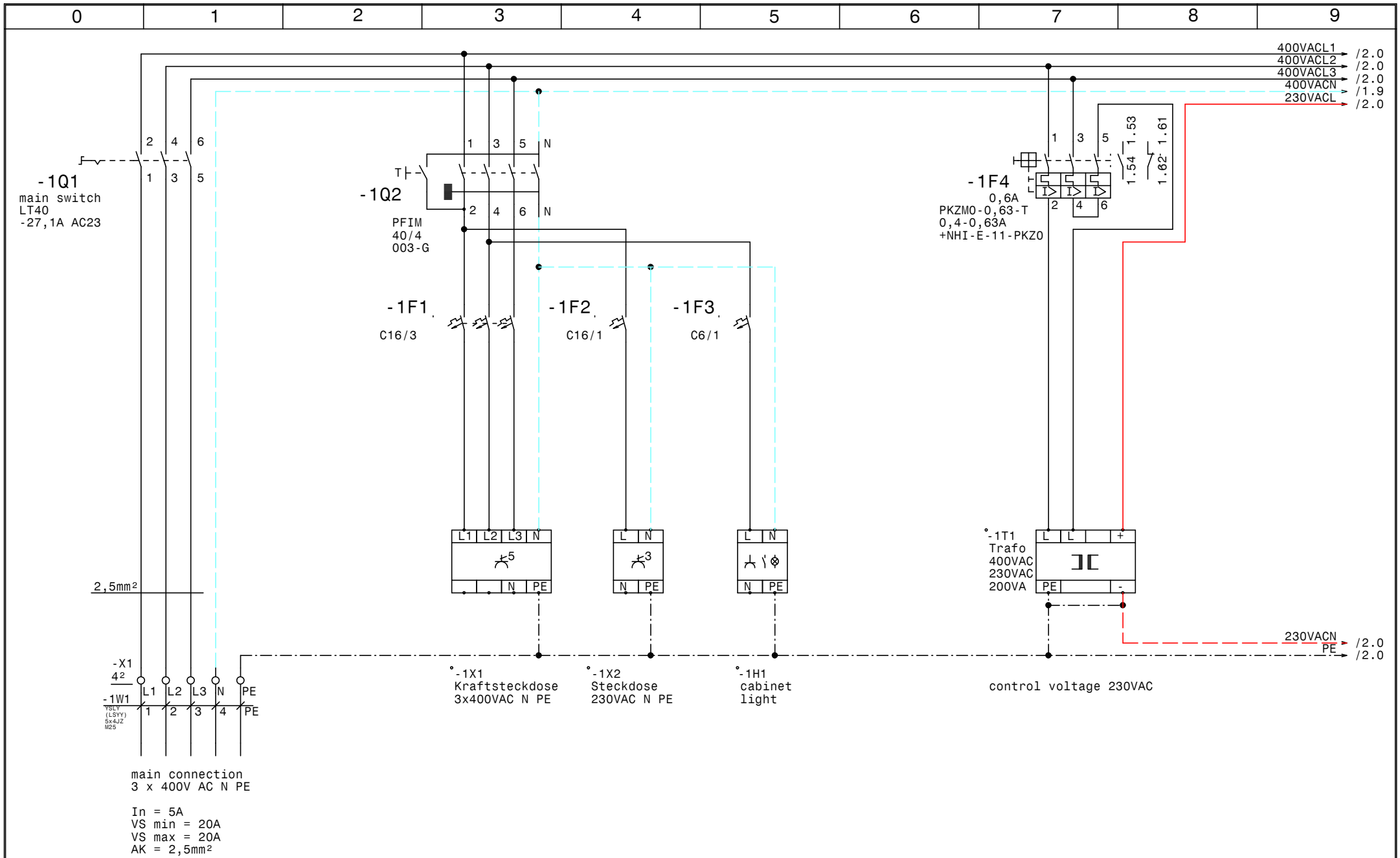
MAIN CURRENT WIRE 400/230V:		black
NEUTRAL WIRE:		blue
EARTH WIRE:		yelow/green
CONTROL VOLTAGE 230VAC:		
without a transformer:	L/N	brown/blue
with a transformer:	L/N	red/red-white
CONTROL VOLTAGE 0-24VAC:	L/N	blue/ blue-white
CONTROL VOLTAGE 0-24VDC:	+/-	blue/ blue-white
GND, DDC:		blue-white
MEASURE WIRE, SENSOR:		green
POTENTIAL FREE WIRE:		orange
SEPARATE VOLTAGE:		orange

_ ! ! 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 page
001 mains supply
002 pump 1
003 lavel and water shortage



GRUNDFOS	DATE	28.03.14	elpe ELEKTRO ANLAGENBAU	Hydrocontrol DL 1,1-1A FTW325 Lacor Hospital Abwasser mains supply	DRAWING No.: 075/14/en
	DRAWN	Hattinger			Blatt 1
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	Norm				

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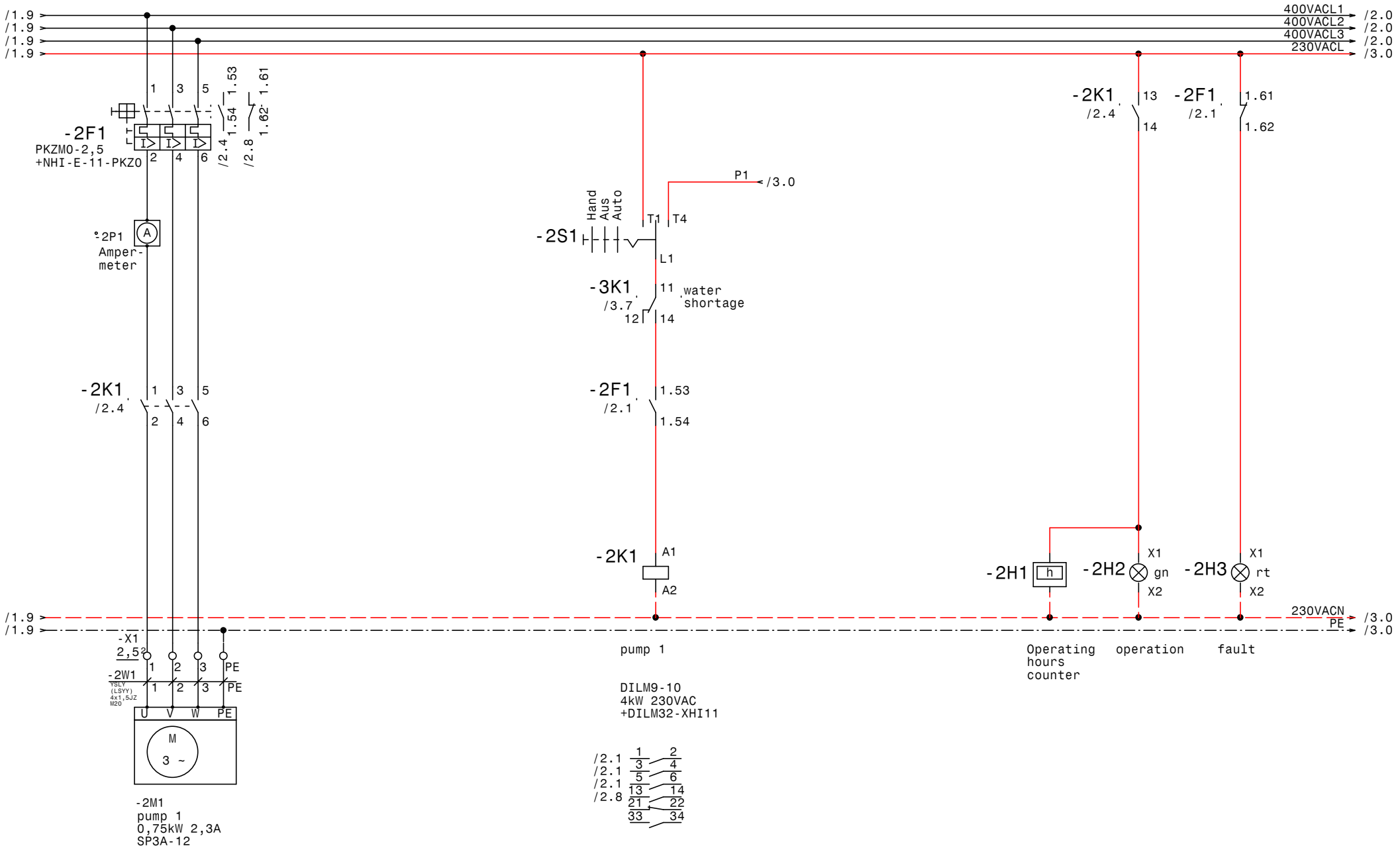

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	Norm				

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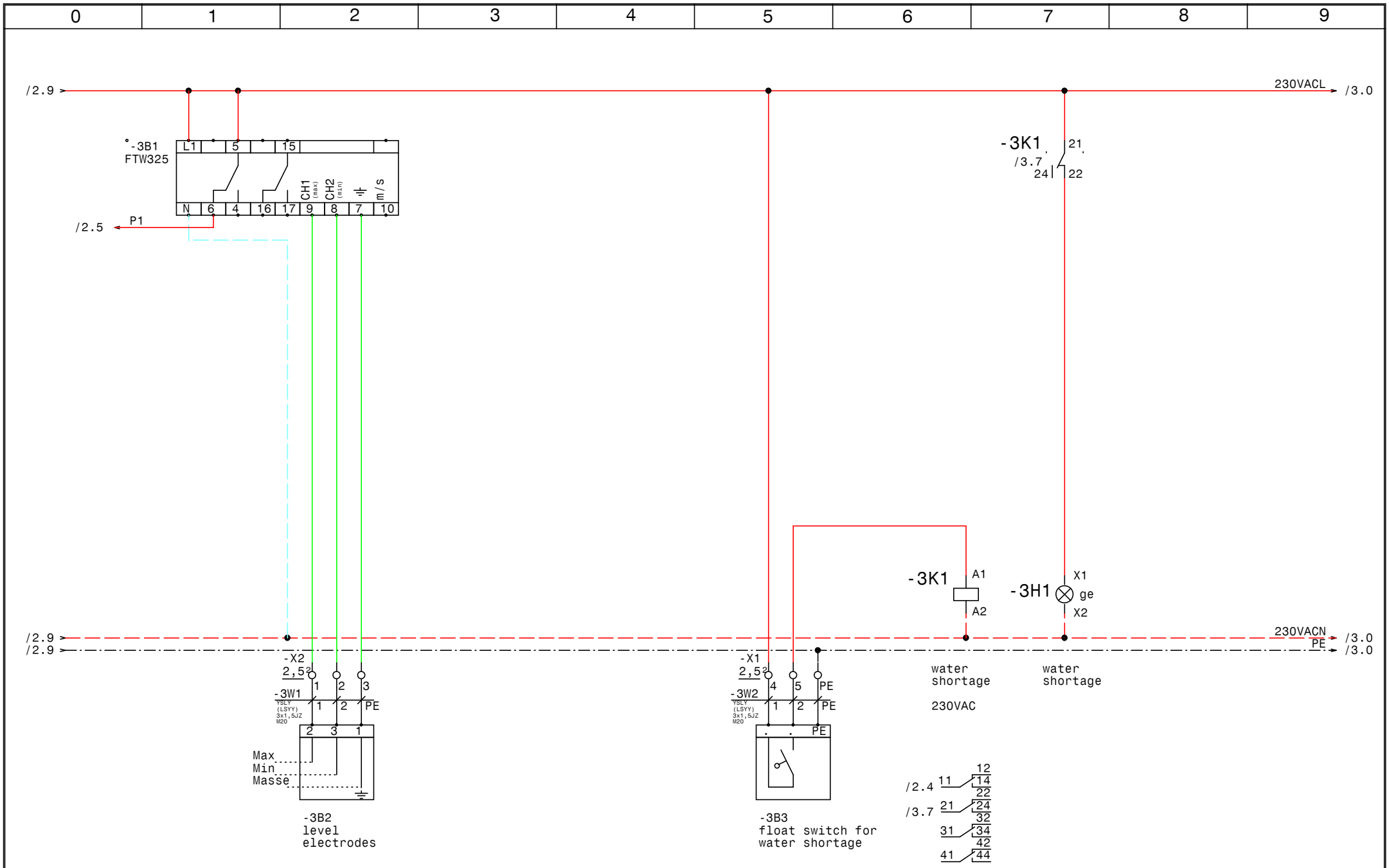

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	Norm				

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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	YSLY (LSYY) 5x4JZ M25	5	main connection 3 x 400V AC N PE
2	-2M1	-2W1	YSLY (LSYY) 4x1,5JZ M20	4	pump 1
3	-3B2	-3W1	YSLY (LSYY) 3x1,5JZ M20	3	level electrodes
4	-3B3	-3W2	YSLY (LSYY) 3x1,5JZ M20	3	float switch for water shortage

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Cable list

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PAGE 1
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0	1	2	3	4	5	6	7	8	9

number of pieces	produkt name	product description	produkt number
1	FTW325	FTW325	-3B1
1	C16/3	Sicherungsautomaten	-1F1
1	C16/1	Sicherungsautomaten	-1F2
1	C6/1	Sicherungsautomaten	-1F3
1	PKZM0-0,63-T	Transformatorschutzschalter	-1F4
1	PKZM0-2,5	Motorschutzschalter	-2F1
2	NHI-E-11-PKZ0	Normalhilfsschalter	
1		cabinet light	-1H1
1		Betriebsstundenzähler	-2H1
1	Signalleuchte grün	Signalglimmlampe grün	-2H2
1	Signalleuchte rot	Signalglimmlampe rot	-2H3
1	Signalleuchte gelb	Signalglimmlampe gelb	-3H1
1	DILM9-10(230V50HZ)	Schütz	-2K1
1	DILM32-XHI11	Hilfsschalterbaustein	
1	Relais4polig230VAC	Miniatur - Relais 4polig	-3K1
1	Sockel 4polig	Sockel für Minitur Relais 4polig	
1	WS 4520 B=400 H=500 T=200	Wandschrank IP 55	-0N1
1		Ampermeter	-2P1
1	LT40 -27,1A AC23	Hauptschalter	-1Q1
1	PFIM-40/4/003-G	Fehlerstromschutzschalter	-1Q2
1	M10HEU1	Umschalter 1pol. 1-0-2	-2S1
1		Trafo 400VAC 230VAC 200VA	-1T1
1	M25	Kabelverschraubung	-1W1
3	M20	Kabelverschraubung	-2W1, -3W1, -3W2
3	Klemme 4 grau	Klemme L	-X1
1	Klemme 4 blau	Klemme N	-X1
1	EK 4 ge/gr	Erdungsklemme	-X1
8	Klemme 2,5 grau	Klemme L	-X1, -X2
2	EK 2,5 ge/gr	Erdungsklemme	-X1
1		Kraftsteckdose	-1X1
1		Steckdose	-1X2

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Material list

DRAWING No.: 075/14/en
PAGE 1
OF 1 PAGES

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