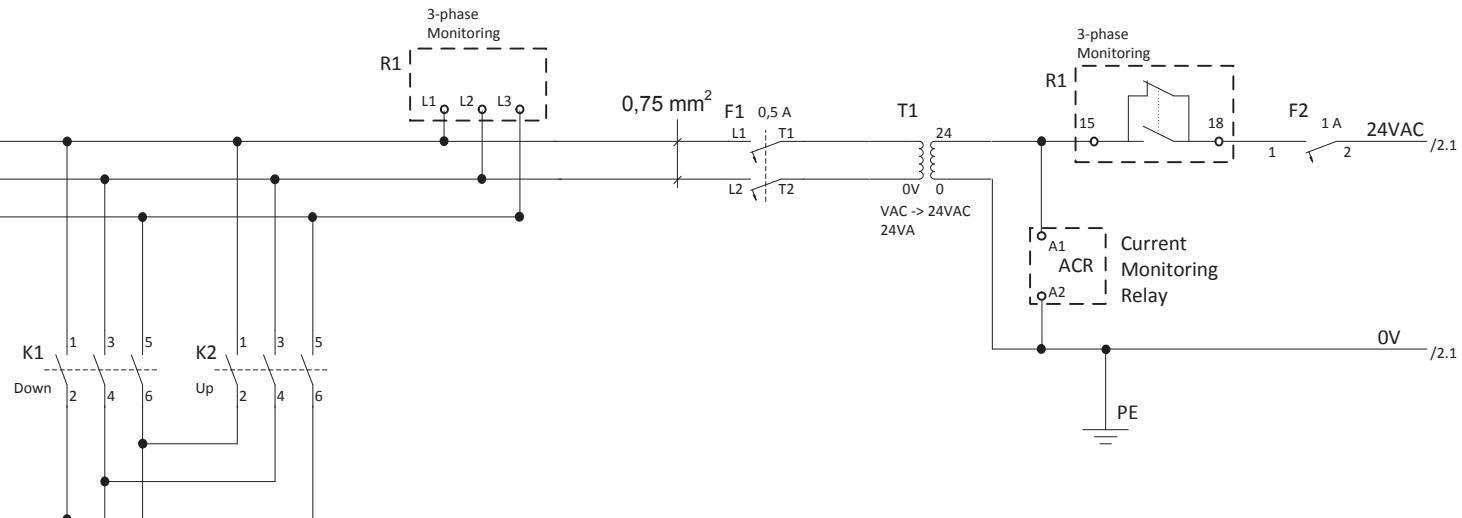


NB!
Please note that the electrical diagram is general.
The delivered machine is intended for one type of Voltage and Hertz.
Each variant is described on page 4 with limits and settings.



Settings QF1

For settings and part numbers, see page 4.

Note

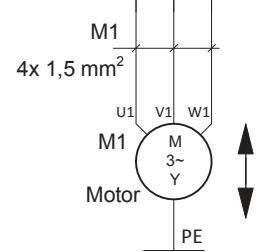
All cable to be free of Halogen and non hazardous.

Note

All power circuits wired with black 1,5 mm² or marked in diagram.

Note

All AC control circuits wired with red 0,75 mm² or named in diagram with colour.



Replaces BP30S_Elschema_NVA3_1



El-schema
Schaltschema
Circuit diagram
Schema électrique

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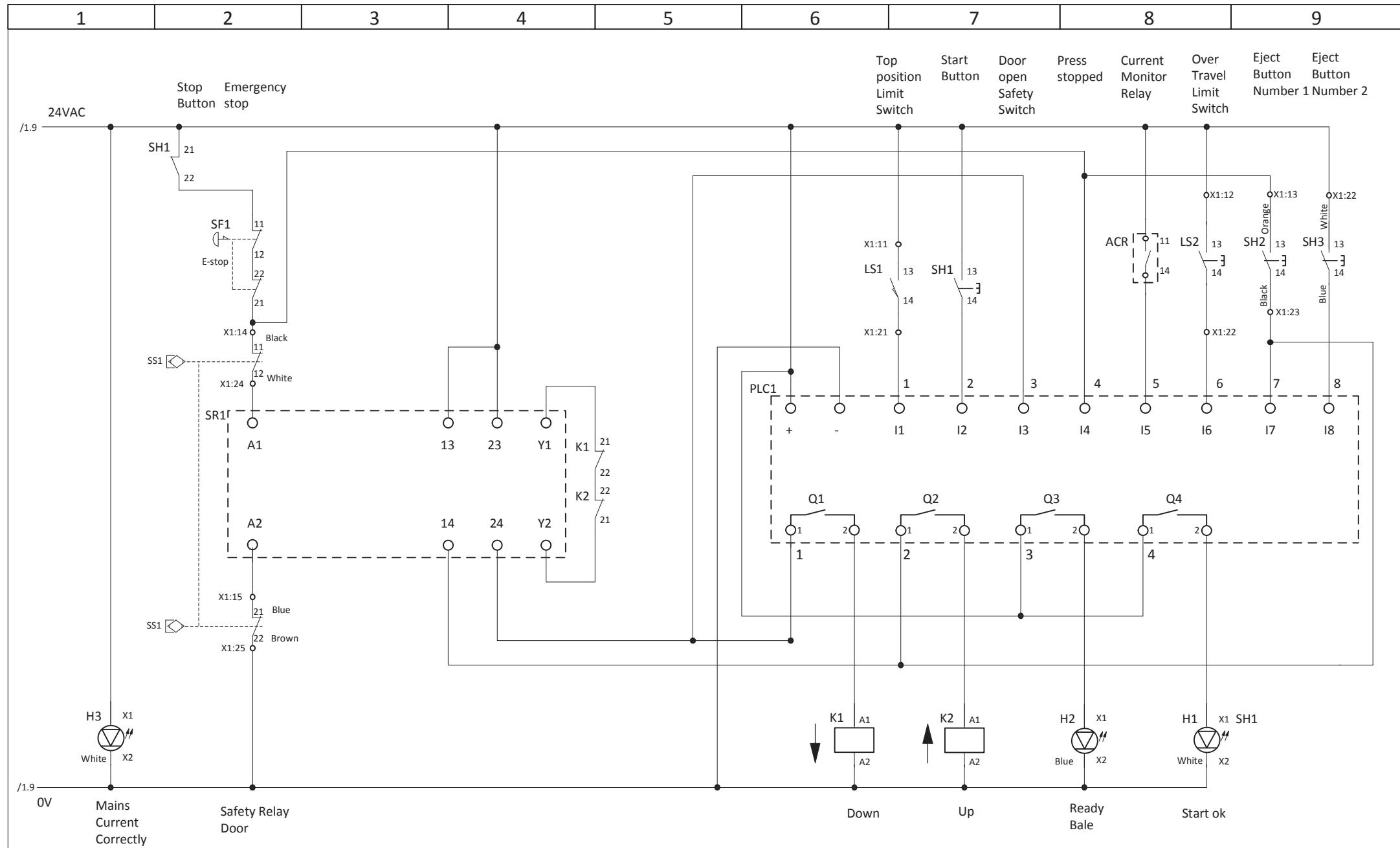
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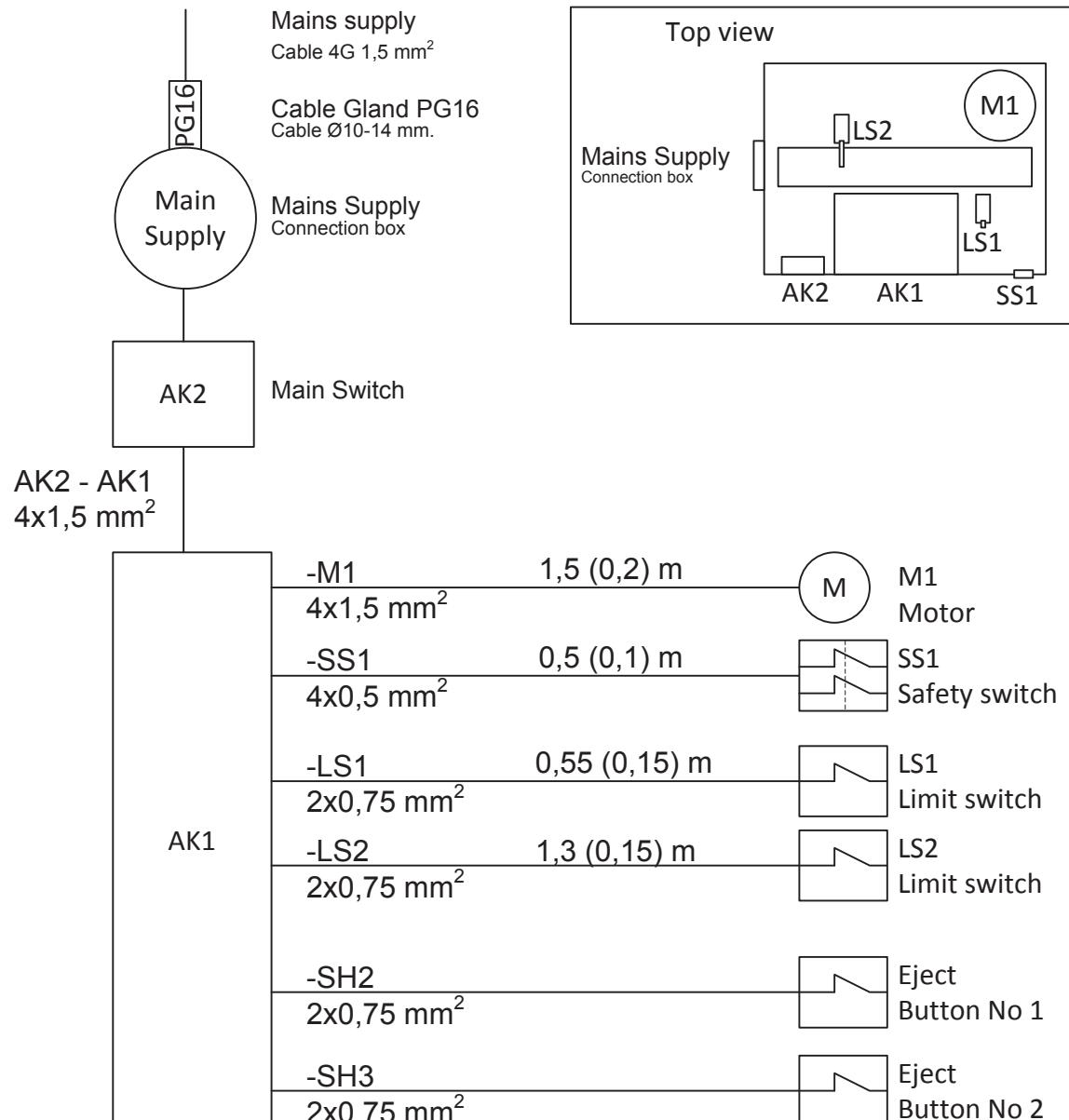
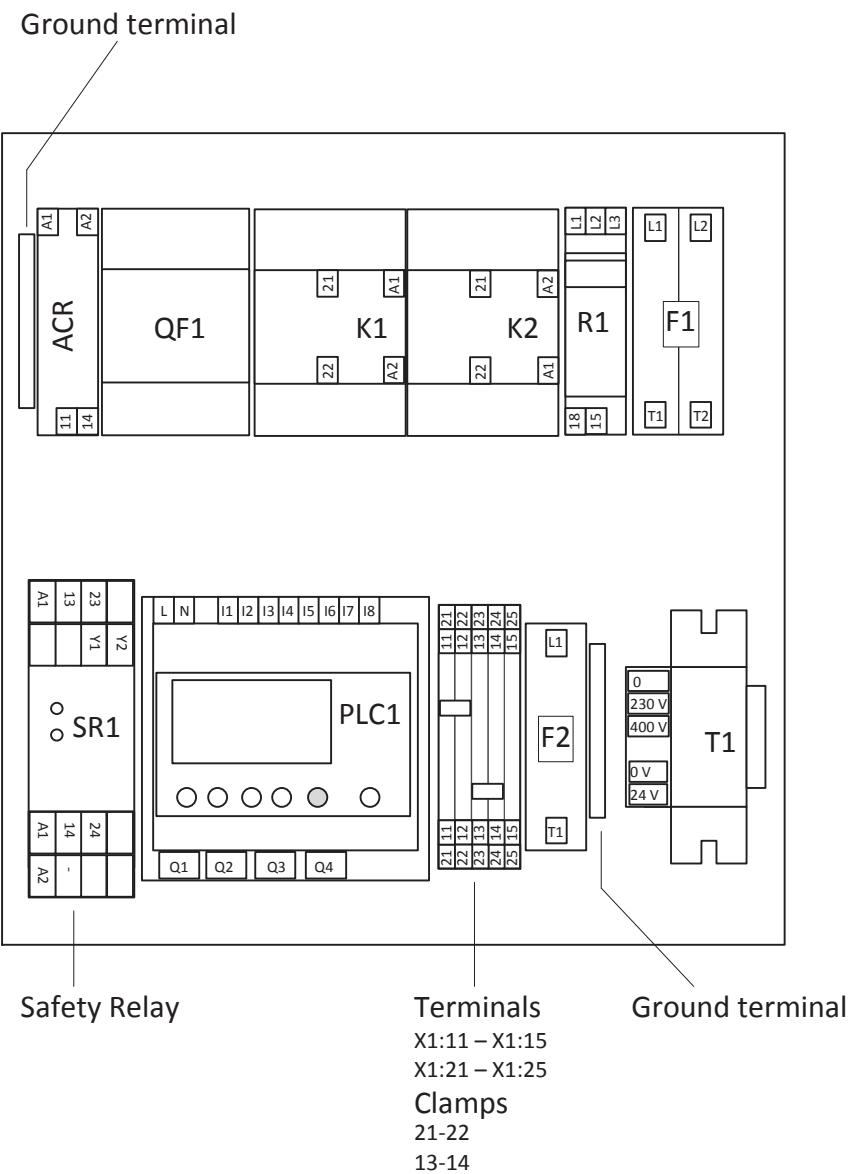
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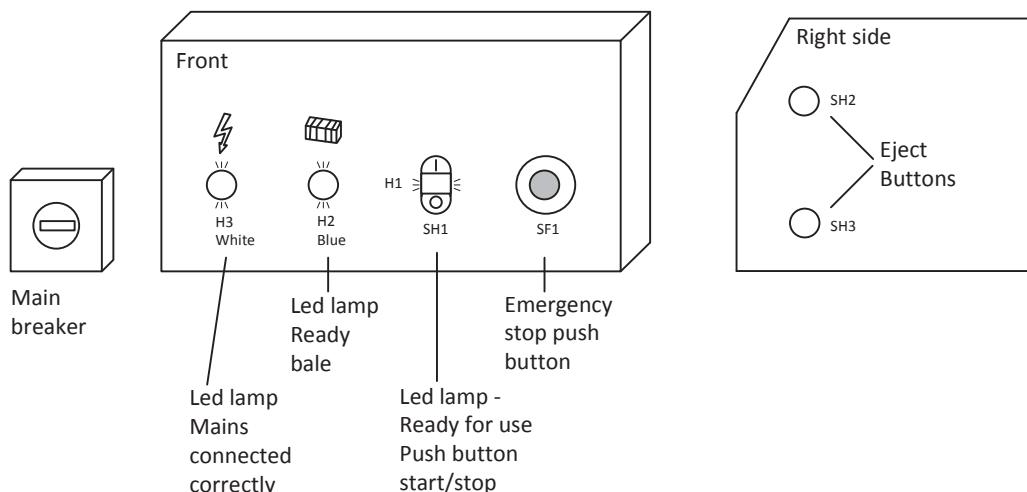
8

9



Bill of Materials

Electrical Designation	Function	Part number
Q1	Main breaker	3161260
QF1	Motor circuit breaker	See variants
ACR	AC current relay	RM17JC00MW
K1,K2	Contactors 9A 24VAC	LC1D09B7
R1	3-Phase monitoring relay	See variants
F1	2-pole fuse for T1	GB2DB07
F2	1-pole fuse manoeuvre	GB2CB06
T1	Transformer	See variants
PLC1	Logical module (display)	SR2B121B
SR1	Zelio 8in/4out 24VAC	
SS1	Safety relay	XPSAC5121P
SF1	Door switch	XCSDMC7902
SH1/H1	Emergency stop push button	XB4BS84441
	Push button (Start/Led/Stop)	ZB5AW7A1721 + ZB5AW0B11 + ZBE102 3720517+ 3721604+ 3721585
SH2/SH3	Push button (Ejection)	XB4BVB1
H3	White Led 24 VAC	XB4BVB6
H2	Blue Led 24 VAC	3816210
LS1	Limit switch FX531 - top	3816107
LS2	Limit switch FR520 - tilt	



Bill of Materials - variants

Volt – variants	220-240 V	380-420 V	380-420 V	420-460 V	480-520 V	660-690 V
	230 V / 50Hz	400 V / 50Hz	400 V / 60Hz	440 V / 60Hz	480 V / 50Hz	690 V / 50Hz
Transformer	T1	T1:1	T1:1	T1:1	T1:2	T1:3
Part number:	02450515	02450515	02450515	02450503	02450505	02450601
Motor circuit breaker	QF1	QF1:1	QF1:2	QF1:2	QF1:2	QF1:3
Settings:	6,0-10 A	4,0-6,0 A	4,0-6,0 A	4,0-6,0 A	2,5-4,0 A	2,5-4,0 A
Part number:	GV2ME14	GV2ME10	GV2ME10	GV2ME10	GV2ME08	GV2ME08
3-Phase monitoring relay	R1	R1:1	R1:1	R1:1	R1:1	R1:3
Part number:	RM4TG20	RM4TG20	RM4TG20	RM4TG20	DPA01C60	DPA01C69

USON MARINE

El-schema
Schaltschema
Circuit diagram
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