

Tag:	Component:	Type:	Placement:	Function:
F1	Fuse auto	Siemens G32A	Board / C-1	Fuse generator
F2	Fuse auto	Multi9 10A	Board / A,G-1	Fuse control current S3
F3	Bimetallic relay	20-32A	Board / E-1	Bimetallic relay generator
F4	Fuse glas	30mA 24VDC	L3 Board / B, F-16	Fuse PT100
F5	Fuse glas	30mA 24VDC	L3 Board / B, F-16	Fuse PT100
F6	Fuse glas	30mA 24VDC	L3 Board / B, F-17	Fuse pressuretransmitter
F7	Fuse glas	30mA 24VDC	L3 Board / B, F-17	Fuse pressuretransmitter
F8	Fuse glas	30mA 24VDC	L3 Board / B, F-18	Fuse data to ABB, -K3 -K4
F9	Fuse glas	30mA 24VDC	L3 Board / B, F-18	Fuse data to ABB, -K3 -K4
F10	Fuse glas	30mA 24VDC	L3 Board / B, F-19	Fuse data to S3, -K5 -K6
F11	Fuse glas	30mA 24VDC	L3 Board / B, F-19	Fuse data to S3, -K5 -K6
F20	Fuse auto		S4	Fuse motor
F21	Bimetallic relay	Klockner Z1-57	S4	Bimetallic relay motor
F22	Fuse auto	K16A ABB	Field	Fuse control current controller and DCdrive
H1	Lamp K1 on	Siemens	Board / F-x-xxx	Signallamp process On
H2	Lamp K1 off	Siemens	Board / F-x-xxx	Signallamp process Off
H3	Lamp K2 on	Siemens	Board / F-x-xxx	Signallamp heating coil On
H4	Lamp K2 off	Siemens	Board / F-x-xxx	Signallamp heating coil Off
H5	Lamp K3 on	Siemens	Board / F-x-xxx	Signallamp pressurestate On
H6	Lamp K3 off	Siemens	Board / F-x-xxx	Signallamp pressurestate Off
H7	Lamp K4 on	Siemens	Board / F-x-xxx	Signallamp temp. sw. On
H8	Lamp K4 off	Siemens	Board / F-x-xxx	Signallamp temp. sw. Off
H9	Lamp K5 on	Siemens	Board / F-x-xxx	Signallamp load on
H10	Lamp K5 off	Siemens	Board / F-x-xxx	Signallamp load off
H11	Lamp	Cutor	S4	Signallamp -S10
H12	Lamp	Cutor	S4	Signallamp -S11
H13	Lamp	Cutor	S4	Signallamp -S12
H14	Lamp	Cutor	S4	Signallamp Ready for run
H15	Lamp	Cutor	S4	Signallamp Run
H16	Lamp	Cutor	S4	Signallamp Zero-speed
H17	Lamp	Cutor	S4	Signallamp Main switch
K1	Contactur	Siemens 62E	Board / F-2	Start/stop process
K2	Contactur	Siemens 3TF-46	Board / F-5	Heating coil
K3	Contactur	Siemens 22E	Board / F-9	Pressurestate
K4	Contactur	Siemens 22E	Board / F-12	Temp.switch
K5	Relay	Siemens 7BB	Board / F-20	Load
K6	Relay	Siemens 7BB	Board / F-27	Signallamp load
K7	Contactur	Klockner DIL2M	S4	Contactur for main current DC drive
K8	Contactur	Klockner DIL00M-10	S4	Cotactor for control current in cabinet S4
L1	Terminal block	Phoenix	Board	Data to ABB
L2	Terminal block	Phoenix	Board	Data to/from ABB
L3	Terminal block	Phoenix	Board	24VDC
M1	Pressuretransmitter	FHG	Field / F-17	Control of process
M2	Pressurestate	Danfoss	Field / E-9	Latching -K2
M3	Temp.bimetall	24SSR	Field / E-12	Latching -K2
M4	Temp. PT100	70TRAR7053	Field / F-16	Control of process
M5	Heating coil	Field / F-1	-K2 Off-On	Normally off
M6	DC-supply	P-15E	Board / E, F-8	15V 1A DC magnetization of generator
M7	Generator	Field / B-1	-K2 Off-On	Normally off
M8	Measurevalue	Crompten	Board / F-15	Data to ABB 4-20mA
S1	Switch		S3	Process stop switch
S2	Switch		S3	Process start switch
S3	Switch		S3	Load in/out
S10	Switch	Cutor	S4	S4 On/off
S11	Switch	Cutor	S4	S4 Run
S12	Switch	Cutor	S4	S4 Reset

S13	Switch	Cutor	S4	S5 Emergency stop
S14	Switch	Cutor	S4	S4 Main switch