
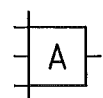


SHEET NO.	CONTENTS
1	COVER SHEET
2	LEGEND
3	MASCHINE TRIPS
4	PROCESS TRIPS
5	INTERLOCKS
6	INTERLOCK AND TRIP
7	OIL MIST FAN
8	AUXILIARY LUBE OIL PUMP
9	LUBE OIL HEATER
10	LUBE OIL HEATER
11	
12	
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LOGIC DIAGRAMS		 AIR LIQUIDE <small>INGENIERIE</small>			
		<small>N° AFFAIRE</small> KOSICE 50-3023-01	<small>FMT</small> A4	<small>GROUPE</small> BAC 612	<small>N°</small> 870



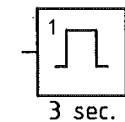
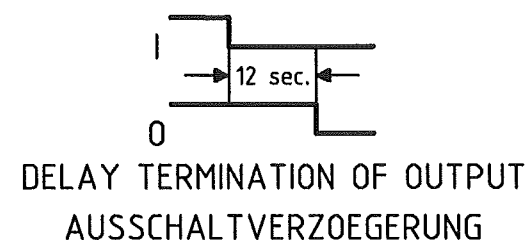
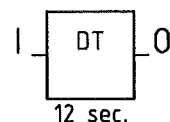
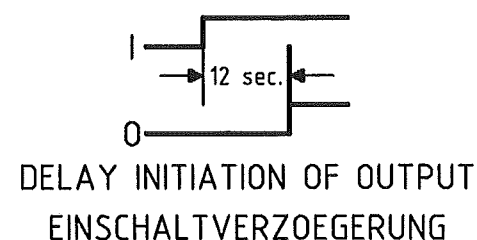
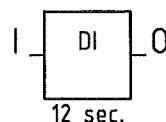
UND / AND



ODER / OR



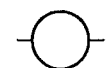
LAMPE / LAMP



IMPULS / PULSE

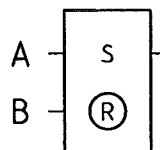


TRESHOLD
GRENZWERTBILDUNG

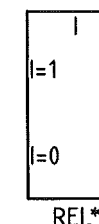


NEGATION

MAN TURBO
CLIENT



SPEICHER (FLIP FLOP)
B UEBERSCHREIBT A; R-STELLUNG BEI
SPANNUNGSAusFALL
MEMORY (FLIP-FLOP)
B OVERRIDES A; R-POS. ON POWER LOSS



Relais - schaltet über den Eingang 'I'
die Eingänge 'I=1' oder 'I=0' auf den Ausgang
RELAIS - INPUT 'I' SWITCHES THE
OUTPUT BETWEEN INPUT 'I=1' AND 'I=0'

ALL SIGNALS HAVE TO BE "FAIL SAFE":

MOTOR FAULT=1 MEANS NO FAULT DETECTED
PXXX-ALL=1 MEANS PRESSURE IS O.K. (>SETPOINT)
POWER FAILURE OR BROKEN CABLE WILL BRING THE
MACHINE IN SAFE POSITION

ALLE SIGNALE "FEHLERSICHER"

"MOTOR STOERUNG"=1 BED. KEINE STOERUNG VORHANDEN
PXXX-A__=1 BED. DRUCK IST OK (> GRENZWERT)
SPANNUNGSAusFALL ODER KABELBRUCH BRINGT
DIE ANLAGE IN SICHEREN ZUSTAND

				Date	01.10.2004	Field of application KOSBOOST 312410		Title Title CUSTOMER Drawing No.	LOGIK DIAGRAMM ABB. & SYMBOLS 10000198454	Drawing No. of Recipient			Dept. TK52
2	FINAL	05.08.2005	WE/AWI	Drawn	AWISZUS								Blatt 2
R.	Nature of Revision	Date	Drawn/Checked	Norm									10 Bl.

Zeile Line	Ursprung Source	Eingaenge Inputs	PROCESS TRIPS; PROCESS TEMP., LUBE OIL PRESSURE 1				Ausgaenge Outputs	Ziel Dest.	Zeile Line
1									1
2									2
3	4 1.89 FIELD	PISLL 16854 OIL FILTER DOWNSTREAM NACH OELFILTER	0=TRIP	0=TRIP					3
4									4
5									5
6									6
7	1K14 1G14 8. FIELD	TSAHH 16007 STAGE 1 SUCTION STUFE 1 ANSAUGUNG	0=TRIP						7
8	1K14 1F14 8. FIELD	PISHH 16007 STAGE 1 SUCTION STUFE 1 ANSAUGUNG	0=TRIP						8
9	1D13 1D14 1G11 8. FIELD	TISHH 16015 STAGE 2 SUCTION STUFE 2 ANSAUGUNG	0=TRIP						9
10	1K7 1K8 1G9 9. FIELD	TISAHH 16025 STAGE 3 SUCTION STUFE 3 ANSAUGUNG	0=TRIP						10
11	1D7 1D8 1G6 9. FIELD	TISAHH 16035 STAGE 4 SUCTION STUFE 4 ANSAUGUNG	0=TRIP	A			COMMON PROCESS TRIP SAMMEL PROZESS ABSCHALTUNG	SHEET 6 LINE 7	11
12	6 1D5 1F3 FIELD	PISHH 16045 COMPR. DISCHARGE KOMPR. AUSTRITT							12
13	7 1D5 1E3 FIELD	TSAHH 16045 COMPR. DISCHARGE KOMPR. AUSTRITT							13
14	4. CLIENT ESD	XS COMMON TRIP SAMMEL ABSCHALTUNG	0=TRIP						14
15									15
16									16
17									17
18									18
19									19
20									20
21									21

Zeile Line	Ursprung Source	Eingaenge Inputs		DCS	COMPRESSOR START UP INTERLOCK SIGNALS	5	Ausgaenge Outputs	Ziel Dest.	Zeile Line
1									1
2									2
3									3
4									4
5	/4. CLIENT DCS	XS COMMON INTERLOCK SAMMEL EINSCHALTVERR.	1=OK						5
6									6
7	/7. FIELD	ZSH 16074 COMPR. RECYCLE VAYLE KOMPR. UMBLASEVENTIL	1=OPEN						7
8	/8. FIELD	ZSH 16110 STAGE 1 INLET GUIDE VANES STUFE 1 VORLEITSCHAUFEL	1=OPEN						8
9	/1K14 /1F14 /8. FIELD	PAL 16007 STAGE 1 SUCTION STUFE 1 ANSAUGUNG	0=LOW						9
10									10
11	/1B11 /1A13 /9.8 FIELD	LAL 16812 OIL RESERVOIR OELTANK	0=LOW						11
12		PIA 16855 OIL SIMULATION LINE OEL SIMULIERLEITUNG	0=LOW						12
13	/4. FIELD	TAL 16854 OIL FILTER DOWNSTREAM NACH OELFILTER	0=LOW						13
14	/8.3 FIELD	PAL 16751 COMPR. EXT. SEAL GAS SUPPLY KOMPR. EXT SPERRGASVERSORGUNG	0=LOW						14
15									15
16									16
17									17
18									18
19									19
20									20
21									21

COMMON INTERLOCK (CLIENT DCS) TO INCLUDE:
COOLING WATER AVAILABLE
INSTUMENT AIR AVAILABLE

