

Tekno-Tronic



- Replaces traditional buttons and switches by a simple touch on the screen
- Improved monitoring and communication with the plant
- Constant visibility of operating parameters
- Trend curves
- Set points and alarms are easily visible
- History failure log with day- and date indication
- Option for remote interface and control



Heating



Ventilation



Air Conditioning



Refrigeration

COOL DOWN THE GLOBAL WARMING
www.teknotherm.com

TEKNOTHERM MARINE 23.12.2016 10:44:13

COMPRESSOR 1

START STOP
MANUAL AUTO
COMPRESSOR RUNNING
COMPRESSOR ALARM

RESTART DELAY STOP-START 50s
RESTART DELAY START-START On
RMS REQUEST

SETTINGS

CHANGE VIEW

MAIN SCREEN COMP. CONDENSER LEVELS LOG & TREND PACKING HOTEL RSW ALARMS

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CONDENSER PUMPS

CONDENSER PUMP 1 CONDENSER PUMP 2
START STOP
STOP STOP
RUNNING ALARM RUNNING ALARM

CONDENSER SETTINGS

CONDENSER PRESSURE SETPOINT 9,0Bar
CONDENSER PID Kp 50
CONDENSER PID Ti 10
CONDENSER PID Td 0

PUMP SPEED SETTINGS

COND PUMPS MIN SPEED 5Hz
COND PUMPS MAX SPEED 60Hz

MAIN SCREEN COMP. CONDENSER LEVELS LOG & TREND PACKING HOTEL RSW ALARMS

Dolwin13128 -

TEKNOTHERM MARINE 10.08.2016 09:04:03

Temp 1. 0,0°C Temp 2. 0,0°C

CAPACITY 0%
AMPERE 0A
LP 0,00bar HP 0,0bar
C_HP 0,0bar OP 0Hz

COMPRESSOR RUNNING
COMPRESSOR ALARM

MAIN SCREEN COMPRESSOR CONDENSER CONTROLS EVAPORATORS AL ARMS

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ALARMS	COMPRESSOR WARNINGS	CONTROL LIMITS
LOW SUCTION PRESSURE 0,100bar	LOW OIL TEMP WARNING 20C	STOP-START DELAY 30s
HIGH DISCHARGE PRESSURE 15,00bar	LOW DISCH TEMP WARNING 30C	START-START DELAY 60s
OIL PRESSURE 1,0Bar	TIME DELAY WARNING 5min	MIN FREQUENCY 25Hz
DIFF PRESSURE FINE FILTER 1,00bar	MOTOR CURRENT CONTROL	MAX FREQUENCY 60Hz
TIME DELAY OIL PRESSURE 25s	MAX MOTOR CURRENT 255A	UNLOAD START ADT DELAY 12s
HIGH DISCHARGE TEMP 85C	MOTOR CURRENT RUN-THROUGH MIN CAPACITY 0%	UNLOADED START TIME 22s
HIGH OIL TEMP 75C	MOTOR CURRENT RUN-THROUGH MAX CAPACITY 0%	
DIFF PRESS OIL FILTER 0,00bar	MOTOR CURRENT RUN-THROUGH MAX TIME 0s	

PREVIOUS SCREEN

MAIN SCREEN COMPRESSOR CONTROL RSW COOLER CONDENSER TREND WATER TANK CONTROL ALARMS