MAYEKAWA

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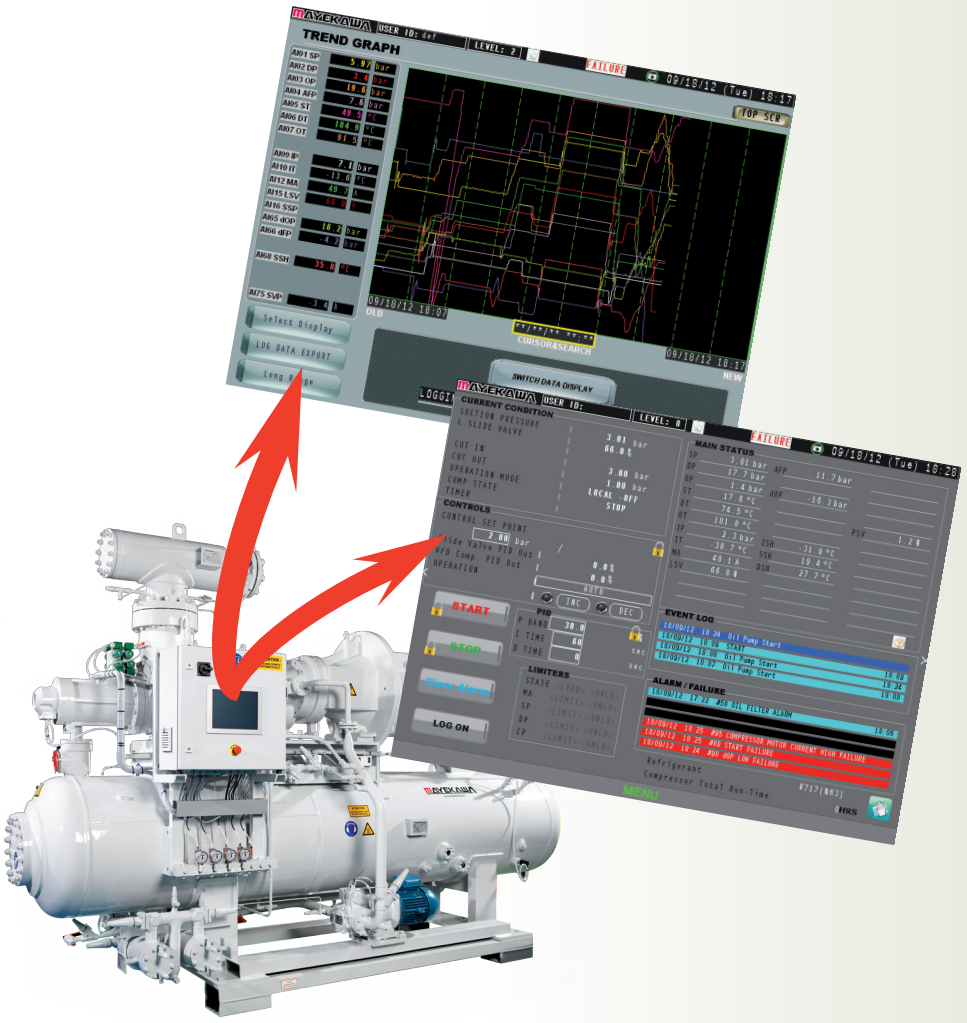






MAYEKAWA NEW REFRIGERATION SYSTEM CONTROLER

MYPRO TOUCH



MAYEKAWA

MAYEKAWA Europe nv/sa

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MYPRO TOUCH

The **MAYEKAWA** MYPRO series exceeded sales total of 10.000 panels since its first release in 1996.
The **MAYEKAWA** MYPRO TOUCH control panel is releasesd at the beginning of 2013.
This **MYPRO TOUCH** control panel has an improved user interface by means of a touch screen and improved communication capabilities.
This controller achieves a highly effective operation of the **MAYEKAWA** compressor.

Features

The **MYPRO TOUCH** comes in two different types
- Type S; 12.1 inch touch panel for screw compressor and chiller units
- Type M; 5.7 inch touch panel for screw compressor and chiller units

Data monitor
- Display of pressure, temperature, capacity of compressor and motor current
- Capacity control, expansion valve control, auxiliaries control and limiter function

Controller
- VFD control
- Slide valve
- Auto Vi control for **MAYEKAWA** J series compressors
- Others : Air cooled condenser, economizer, evaporator, oil pump control

Auto Stage control
- The **MYPRO TOUCH** has an auto stage control via its communication capabilities (up to a maximum of 8 units)

Communication standard
- MODBUS RTU + MODBUS TCP/IP

Remote control and monitoring
- Remote operation and monitoring by TCP/ IP
  (Communication is to be provided by the user)
  (Process value monitoring, Status monitoring, Alarm monitoring, Remote set point, Remote start/stop, Remote alarm reset

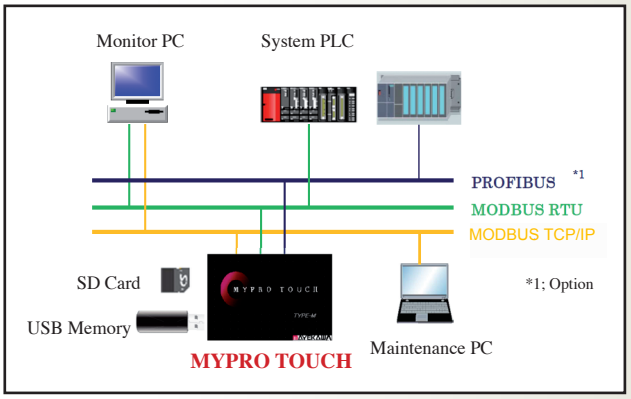
Global controller of **MAYEKAWA**
- The **MYPRO TOUCH** control panel is a global design of **MAYEKAWA**.
  Support for this control panel can be received in many countries all over the world.
- The **MYPRO TOUCH** supports the following languages;

English, German, French, Russian, Spanish, Portuguese, Polish, Dutch, Turkish and Italian.
(other languages on demand)

Communications

The **MYPRO TOUCH** has an extensive user interface and its software can be easily updated. Communication is possible with other control panels and a master PLC. The operational values, trips and alarms can be logged as well as the communication itself.

SD card: Data logging (CSV file)
USB memory: Software update
TCP/IP communication:
Maintenance PC connection Open TCP/IP (IP etc…)
Serial communication:
Communication to a PLC or System via MODBUS
[Optional]
PROFIBUS RTU, DEVICE NET etc…



Specifications

Specifications			
Description	NUMERIC VALUE	Control voltage	100 – 120V / 220 -240V
Screen size	12.1 inch, 5.7 inch	Frequency	50 / 60 Hz
Communication connection	RS485/232C, RJ45 (Ethernet)	Operating condition	0 – 40 °C / Less than 85%RH
External memory	SD Card, USB2.0	Dimension	(W)600 x (H)600 x (D)250
Analog Input		Digital I/O	
Qty.	16 (Expandable to 32)	Qty.	16 (Expandable to 32)
Current (Signal)	DC 4 -20 mA	Digital input	Internal DC12V Max. 25mA
Voltage (Signal)	DC 1 - 5 V	Digital output	Rated load AC100 – 240V, 2A, Leakage Current < 1.5mA
Potentiometer	2 x 1000 ohm		
Analog Output			
Qty.	4		
Signal current	DC 4 – 20 mA (R < 500 ohm)		

Note : Above specification is subject to change without notice

MAYEKAWA

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WORLDWIDE
- 47 countries / 99 offices
- 11 production plants



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ENG 04/2014