

MODEL	OMS	ACQUISITION AND SUPERVISION / RS485 EQUIPMENTS	REF.
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Switchboard system for 120 Temperature Probes or 32 RS485 equipments

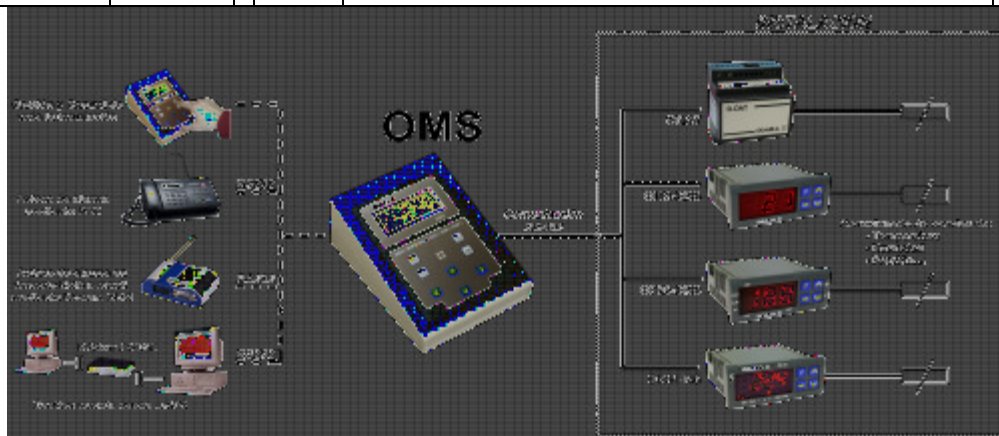
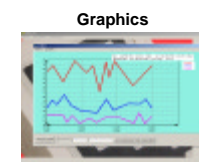
With the NEW OMS you will be able to realise *on-line / in-situ*:

- Print datasheet of temperature, humidity, etc..., when you want.
- Review the cool chain and recording history .
- Supervision of temperature and measuring of each recording points.
- Easy to adapt to your installation.
- Manage up to 120 recording points.
- Easy use without computer.
- Control and register to the maximal and minimal alarms.
- Register anomalies of temperatures and measuring during 1 year
- Control of the process (optional).

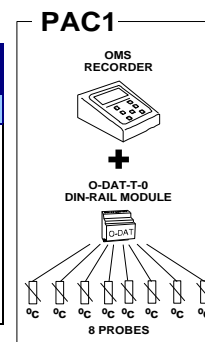
APPLICATION

This very simple and versatile software was specially designed to fulfil high standards of temperature recording and supervise on time small or medium installations.

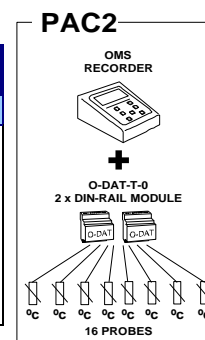
OMS	-999/+9999 -99.9/+999.9 -9.99/99.99 -0.999/9.999	200x156 120 Probes or 32 RS485 Equip ments	Equipment of Acquisition, Supervision, and control of temperature and data. Can control up to 120 probes or 32 RS485 equipments. Direct printing of data. Visualisation of temperatures and equipments parameters. LCD display. Recording history. Configurable alarms. Possibility to connect to a Fax. Sending of alarm messages to mobile/fax. Power supply 230 Vac	17001
Option		Software	Software to configure the OMS since a PC. Visualisation of the value in table or graphics in colour.	1700A



OMS-PAC1	
Quantity	INCLUDES...
1	OMS Supervision and control Equipment
1	O-DAT-T (PTC) Module : Acquisition Module of Temperature (<i>Table A</i>)
8	8 Probes of Temperature mod. S6S (see probes)
	Installation (CONTACT US)
	1700B



OMS-PAC2	
Quantity	INCLUDES...
1	OMS Supervision and control Equipment
2	O-DAT-T (PTC) Module : Acquisition Module of Temperature (<i>Table A</i>)
16	16 Probes of Temperature mod. S6S (see probes)
	Installation (CONTACT US)
	1700C



MODEL	RANGE	SIZES	INPUT	ACQUISITION AND SUPERVISION / RS485 EQUIPMENTS	REF.
Temperature Acquisition RS485. (DIN Rail).					
O-DAT-T*	8 Probes -50/+105°C	DIN RAIL	NTC	Temperature Acquisition module, etc... Up to 8 recording points . 4 digital inputs and 1 relay which are configurable. RS485 output. Connection to a OMS recorder or PC or PLC. COMUNICATOR Software.	17007
	8 Probes -50/+145°C		PTC		
	8 Probes -50/+395°C		PT1000		
O-DAT-A*	4 Probes -99/+999°C	DIN RAIL	0/4...20 mA.	Humidity, Pressure, Temperature Acquisition module to 4 recording points . 4 digital inputs and 1 relay which are configurable. RS485 output. Connection to a OMS recorder or PC or PLC. COMUNICATOR Software.	Up 17008
	4 Probes -99/+999°C		0/2...10 Vdc.		
O-DAT-R			4 relays	Module of 4 Relay Outputs, to activate or manage power loads through RS485. Possible connection with OMS, PC, PLC, Comunicator or Prosistec Softwares...	17009

(*) Note: Define the type of input

RS485 Indicators. (32x74).					
OI 12-CRS	-50/+150°C -19.9/+19.9°C	32x74	1 or 2 PTC	Digital Indicator. IP65 Front Panel. RS485 Computer Communication for Acquisition and Registry/Management equipment. Specially for recording 2 zones in the same indicator.	17010

Controllers for Cool Industry / Process RS485. (32x74).					
OF 35-CRS	-50/+150°C -19.9/+19.9°C	32x74	2 PTC	Digital Thermostat. 4 Relays of Control. ON/OFF, Defrost. RS485 Communication for Software and Computer Internal clock for defrosting on time. Programmable Regulation for Compressor/Fan and Auxiliary. IP65 Front Panel. Power supply 12Vac/dc.	17011

Controllers from 1 to 4 Steps / Alarms, ON/OFF, PID, Autotuning with RS485. (32x74). (Copy Key).					
OK 41-O-1R-RS (12 Vac/dc.)	-50.0/+150.0°C -50.0/+110.0°C	32x74 x65	PTC NTC	Temperature Digital Controller. PTC, NTC. 1 Display. 4 digits. 1 Relay/Alarm of control (switched). ON/OFF, PID, Softstart, Autotuning, Selftuning. RS485 Communication for Softwares, PLC. 2 digital inputs to: change the SET Point, activate or inactivate the relay. IP65 Front Panel. With connector for COPY-KEY device. + Options.	17012
OK 41-PT-1R-RS (12 Vac/dc.)	-199.9/+850.0°C -160/+1000°C -270/+1370°C -50/+1760°C		PT100 Thermopar J Thermopar K Thermopar S	Temperature Digital Controller. PT100, J/K/S Thermopar. 1 Display. 4 digits. 1 Relay/Alarm of control (switched). ON/OFF, PID, Softstart, Autotuning, Selftuning. RS485 Communication for Softwares, PLC. 2 digital inputs to: change the SET Point, activate or inactivate the relay. IP65 Front Panel. With connector for COPY-KEY device. + Options.	17013
OK 41-MA-1R-RS (12 Vac/dc.)	-1999/+9999 -199.9/+999.9 -19.99/+99.99		0/4...20 mA.	Digital Controller for Humidity, Pressure, Process. 1 Display. 4 digits. 1 Relay/Alarm of control (switched). ON/OFF, PID, Softstart, Autotuning, Selftuning. RS485 Communication for Softwares, PLC. 2 digital inputs to: change the SET Point, activate or inactivate the relay. Auxiliary Output of 12 Vdc for feeding passive probes IP65 Front Panel. With connector for COPY-KEY device. + Options.	17014
Options OK 41	OK41...2R-RS		2 relays	Extension to 2 relays	1700Y
	OK41...4R-RS	4 relays	Extension to 4 relays	1700ZA	
		SSR	Relay/Alarm with 1 Output	1100J	

Analog Output Controllers for geared valves. (48x48). (Copy Key)					
OK 83-2R-RS	-1999/+9999 -199.9/+999.9 -19.99/+99.99	48x48 x115	Multi-input: NTC PTC PT100 J, K, S, B, E, L, N, R, T, C 0/4...20 mA. 0...1 Vdc. 0/1...5 Vdc. 0/2...10 Vdc.	Digital Controllers for Geared Valves. High precision. Multi-input for Temperature, Humidity, Pressure, Process. Multi configurable. 2 Relays/Alarms of Control. ON/OFF, PID, Softstart, Autotuning, Selftuning. RS485 Communication for Software, PLCs...2 Displays. Auxiliary Output of 12 Vdc. for feeding passive probes. IP65 Front panel. With connector for COPY-KEY device. + Options.	17015
Options OK 83	OK 83-4R-RS		+2 Relays	2 Added Relays/Alarms of Output.	1300Q
			0/4...20mA.	Analog Output of Regulation, changing 1 Relay	1300P
			0/2...10V	Analog Output of Regulation, changing 1 Relay	1700ZB
		SSR	Switching from the Relay/Alarm to SSR 20 mA/14 Vdc at the Voltage output.	1300S	

Accessories OK 83	OK 41	COPY KEY 05	Device to program the apparatus rapidly and without errors. Once the apparatus configured, easily transfer its parameters to another one.	11013
	OK 83	COPY KEY 03		13009



Table A



Table B



Table C



Table D



Table E



MODEL	RANGE	SIZES	INPUT	ACQUISITION AND SUPERVISION / RS485 EQUIPMENTS	REF.
Controllers for Industrial Applications Compressors / Condensation Units / Ventilators. (32x74). (Copy-Key)					
OKC 41-0-4R-RS (12 Vac/dc.)	-50.0/+150.0°C -50.0/+110.0°C	32x74 x65	PTC NTC	Controller for Industrial applications, condensation Units and Ventilators, 4 loads; (up to 12 loads) through OKC-04 power modules (rail DIN). 1 Display. 4 digits. Joint Capacity Regulation with Rotation. RS485 Communication Output for Softwares, PLCs,.... Additional Vdc Output for pressure probes (OKC 41-MA). IP65 Front Panel. with COPY-KEY Connector.	17016
OKC 41-MA-4R-RS (12 Vac/dc.)	-1999/+9999 -199.9/+999.9 -19.99/+99.99		0/4...20 mA.		17017
Controllers 2 Relays/Alarms DIN Rail. °C HR% Bar mA (Copy-Key)					
ORK 51-0-RS	-55.0/+150.0°C -55.0/+110.0°C	84x69 x60	PTC NTC	Controller for Temperature, Humidity, Pressure, Processes. 2 Control Relays/Alarms (switched), ON/OFF, Neutral Zone, PID, Autotuning, Selftuning, Softstart. RS485 Communication Output. 1 Display. 4 digits. Additional Vdc Output (MA and V models). for passive probes. 1 digital Input. IP65 Front Panel. Power Supply 230...100 V. with COPY-KEY Connector + Options.	17018
ORK 51-PT-RS	-199.9/+850.0°C 0/+1000°C 0/+1370°C 0/+1760°C		PT100 Termopar J Termopar K Termopar S		4
ORK 51-MA-RS	-1999/+9999 -199.9/+999.9 -19.99/+99.99	Rail DIN	0/4...20 mA.		17020
ORK 51-V-RS	-1999/+9999 -199.9/+999.9 -19.99/+99.99		0...1 Vdc. 0/1...5 Vdc. 0/2...10 Vdc.		17021
Options ORK 51			24 Vac/dc.	24 Vac/dc Power Supply.	1100U
			Extra Relay	Additional Output Relay. (Max 3 Control/Alarm Relays)	
			SSR	switch from 1 Relé/Alarma to SSR 8 mA/8 Vdc Voltage Output.	1100W
RS485 Accessories					
Modems / Converters / Cables					
CONVERTER RS485 / RS232		129x53	RS232 / RS485	RS232/RS485 converter. Programmable from 38400 bps to 2400 bps. Run, Transmission and connection Signalisation. Useful for software systems. Consult data Acquisition and control.	17022
GSM MODEM	-999/+9999	DIN RAIL	RS232 / RS485	GSM Modem for connection to PC or OMS via RS232. Allows sending/reception of data, Fax, vocal messages and SMS. RS232 connection Cable, Antenna and Power supply 230 V included.	17023
CONVERTER RS 232-485 / TCP-IP		85x52 x70	RS232 / RS485	Converter RS232/RS485 in TCP/IP bidirectional (Internet/Intranet). Ideal to reach the installation through Internet or a PC. With ABS Box. up to 32 apparatuses (for more equipments, use AMPLI-RS). Indication of Transmission / Reception of data, established Connection, Activity, Break of network... Speed 300 bps with 115 Kbps. Ethernet Rj45 Connection. 230 Vac Power supply.	17024
CONVERTER TTL / RS485		DIN	TTL / RS485	TTL/RS485 Converter For connection of OF31/ 32/ 33/ 34 to PC.	17025
O-DAT MULTI	-999/+9999	DIN RAIL	12 x PTC PT100 B,E,J,K,N R,S,T 4...20 mA to RS 232/485	Converter for 12 Inputs of signals PTC, PT100, Thermopar, 0/4...20 mA, 1 V Expandable by modules (option). 1 Output of communication RS232/RS485. 2 Relays/Alarms of output. Software included to make graphics and reports. 2 digital inputs of 220 Vac. (option: 24 Vac or Vdc.). Scanning of 16 ms. Ideal for cold Rooms, driers, processes thermal, furnaces...	17026
AMPLI-RS		DIN RAIL	RS485	Converter of signal RS232 to RS485 and Amplifier of signal RS485. Speed of communication configurable from 300 to 115.000 Bauds. IP20 Protection. Power supply 230... 110 Vac.	17027
EMI/REC RS			RS485	Radiofrequency transmitter/receiver for remote supervisions without cable (up to 1 Km). Maximum speed of transmission, 9600 baud in free frequency.	17028
RS 232/485 cable	100 m.		RS485	Special cable for RS 232/485 (FTP5) communications. Composed of 4 braided pairs (8 wire) of data transmission, with Heald of protection in aluminium and connection with ground (GND), against interference and electronic harmful effects. For apparatuses OI 12-CRS, OF 35-C, OK 41 RS, OK 83 RS, PLC' S...	17029



New



Table F

ORK 51-RS (2 relés)



Table G

Rail DIN

CONVERTER RS485 / RS232



GSM MODEM

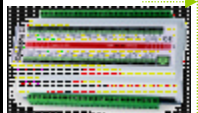


CONVERTER RS 232-485 / TCP-IP



Table H

O-DAT MULTI



AMPLI RS



EMI / REC-RS



RS 232/485 Cable



RS 485