

## XC (Compressor Rack Controller)



- The series are designed for compressor rack up to 15 compressors/fans new
- Compressor types: multi-stages, differing power, semi-hermetic, scroll and screw
- Proportional band or neutral zone control.
- Load activation: in set sequence or with automatic rotation.
- Type of probes (NTC / PTC / 4÷20mA) selectable by parameter
- Low and high safety pressure-switch inputs
- Digital input for liquid level alarm.
- Type of gas setting: to control temperature or pressure
- Hours run meter with maintenance warning for each stage.
- Standard communication protocol ModBUS-RTU
- Hot key or Prog tool kit connector for a quick and easy programming.

## FEATURES

	XC420C	XC440C	XC811M	XC1015D
First display (suction): n° digits	± 3 d.p.	± 3 d.p.	4 d.p.	
Second display (condensing): n° digits	± 4 d.p.	± 4 d.p.	4 d.p.	
Power supply	12, 24Vac/dc	12, 24Vac/dc	24, 110, 230Vac	24Vac/dc (from TF20D)
<b>Probe inputs</b>				
Regulation	NTC/PTC/4÷20mA	NTC/PTC/4÷20mA		
Suction 1			NTC/4÷20mA	NTC/PTC/4÷20mA/0÷5V
Suction 2				NTC/PTC/4÷20mA/0÷5V
Condensing 1			NTC/4÷20mA	NTC/PTC/4÷20mA/0÷5V
Condensing 2				NTC/PTC/4÷20mA/0÷5V
Auxiliary 1				NTC/PTC
Auxiliary 2				NTC/PTC
Auxiliary 3				NTC/PTC
Auxiliary 4				NTC/PTC
<b>Digital inputs</b>				
Alarm	2	4		
ON/OFF, liquid level	config	config		
Liquid level			pres	
Low pressure switch 1 (main voltage)			pres	pres
Low pressure switch 2 (main voltage)				pres
High pressure switch 3 (main voltage)			pres	pres
High pressure switch 4 (main voltage)			11	pres
Safety loads (main voltage)				15
Free of voltage				4 config
<b>Relay outputs</b>				
Loads	2 x 8A	4 x 8A	11 x 8A	15 x 7A config
Alarm	8A	8A	2 x 8A	2 x 8A
<b>Logger</b>				
Alarms	last 10	last 10	last 10	
Data				
<b>Other</b>				
Hot Key/Prog Tool Kit output	pres	pres	pres	pres
Serial output	TTL	TTL	Rs485	Rs485
Alarm output				
Triac output				
Fan output				
Buzzer	opt	opt	pres	on keyboard opt
Infrared output				
Reduced set point			pres	
Real time clock			pres	
Remote display output				VGC810
Inverter compressor output				2 x 4÷20mA/0÷10V opt
Inverter fan output				2 x 4÷20mA/0÷10V opt
External module connections				LAN opt

## ACCESSORIES



Visograph



XJ485CX (MODBUS-RTU)