

iCHILL (1 or 2 Compressor Pre-Programmed Chiller Controller)

- 1 circuit - 1 compressor up to 2 capacity stages management
- 2 independent circuit with 1 compressor each management.
- Temperature/pressure unloading function
- Complete screw compressor chiller management
- Geothermal free cooling management
- Compressor rotation control (Equal Run Hour)
- Direct, part-winding, star-delta compressor start
- Start and stop by time bands from RTC (optional)
- Energy saving by time bands from RTC or digital input (optional)
- Easy programming through HOT KEY 64 or PC (PROG TOOL KIT)
- RS485 serial output with ModBUS protocol

FEATURES

	IC120CX - IC121CX	IC208CX	IC291DV
First display	± 4 d.p.	± 4 d.p.	
Second display	± 4 d.p.	± 4 d.p.	
Keyboard: push buttons	6	6	12Vac/dc
Power supply	12Vac/dc (24Vac/dc)	12Vac/dc (24 Vac/dc)	(24Vac/dc)
Probe inputs			10 config
NTC - PTC - 4÷20mA -0÷5V		6 config	
Pb1	NTC config		
Pb2	NTC config		
Pb3	NTC/4÷20mA/0,5V config		
Pb4	NTC/dig inp config		
Digital inputs			
High pressure	pres		
Low pressure	pres		
N° 4	config		
N°11		config	config
Relay outputs			
N° 10		5A	5A
RL1 Compressor 1	8A		
RI2	8A config		
RI3	8A config		
RI4	8A config		
RI5	8A config		
Other outputs			
PWM outputs for fan speed module			2
0÷10V or 4÷20mA outputs for fan speed module		2 config	2 config
0÷10V outputs for free cooling, heat recovery, external relay		2 config	4 config
Remote keyboards (up to 2)		2xVICX620 or 1xVGICX620	VIG620
Hot Key 64/Prog Tool Kit output		TTL	VIG620
Analog output for fan speed module		pres	TTL, Rs485
Signal output for triac or ON/OFF fan mod.		pres	pres
Open collector output			
Remote keyboards			
Serial output			
Other			
RTC	()	()	()
Buzzer	()	()	()

ACCESSORIES



Remote Keyboard



External Relay



Hotkey / Hotkey 64



XJ485CX



Disconnectable Cable Kit



Transformer