

## iCHILL

(1 or 2 Compressor Pre-Programmed Chiller Controller)

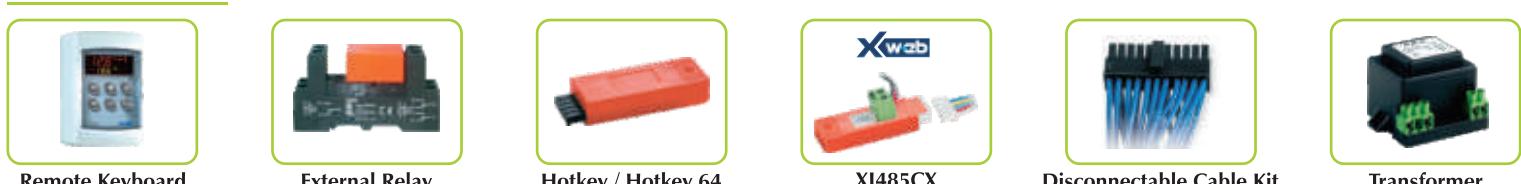


- 1 circuit - 1 compressor up to 2 capacity stages management
- 2 independent circuit with 1 compressor each management.
- Temperature/pressure unloading function
- Complete screw compressor chiller management
- Geothermal free cooling management new
- Compressor rotation control (Equal Run Hour)
- Direct, 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 (24Vac/dc)
Power supply	12Vac/dc (24Vac/dc)	12Vac/dc (24 Vac/dc)	
<b>Probe inputs</b>			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		
<b>Digital inputs</b>			
High pressure	pres		
Low pressure	pres		
Nº 4	config		
Nº11		config	config
<b>Relay outputs</b>			
Nº 10		5A	5A
RL1 Compressor 1	8A		
RI2	8A config		
RI3	8A config		
RI4	8A config		
RI5	8A config		
<b>Other outputs</b>			
PWM outputs for fan speed module			2
0÷10V or 4÷20mA outputs for fan speed module		2 config	2 config
fan speed module		2 config	4 config
0÷10V outputs for free cooling, heat recovery, external relay		2xVICX620 or 1xVGICX620	Vi620
Remote keyboards (up to 2)		TTL	VGI620
Hot Key 64/Prog Tool Kit output	(4÷20mA) or (0÷10V)	pres	TTL, Rs485
Analog output for fan speed module	PWM	pres	pres
Signal output for triac or ON/OFF fan mod.	12Vdc-40mA max		
Open collector output	VICX610		
Remote keyboards	TTL		
Serial output	pres		
<b>Other</b>			
RTC	( )	( )	( )
Buzzer	( )	( )	( )

## ACCESSORIES



Remote Keyboard

External Relay

Hotkey / Hotkey 64

XJ485CX

Disconnectable Cable Kit

Transformer