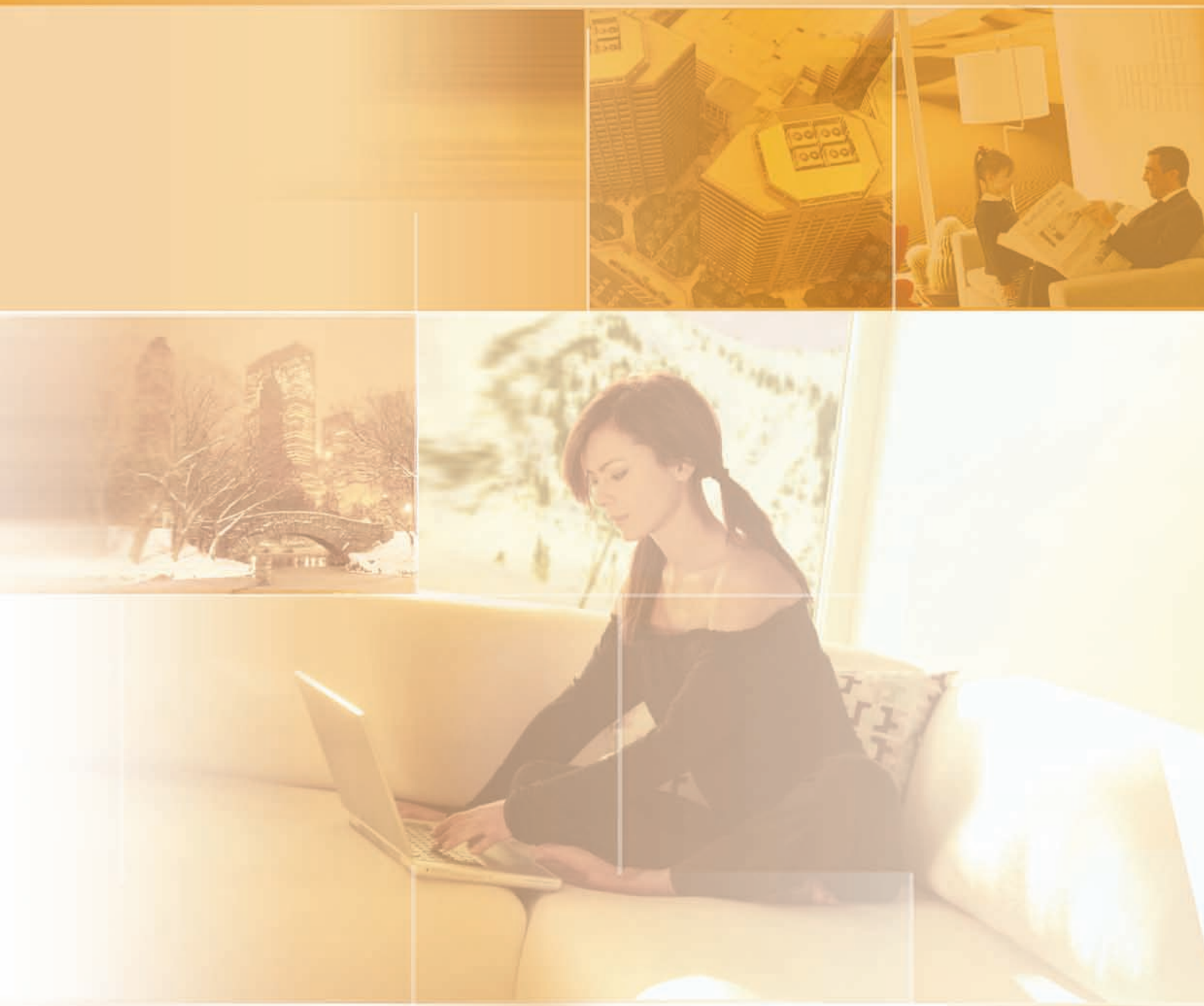
our experience...

...your solutions



dixell®

AIR CONDITIONING CATALOGUE


15.7
°C
20.8
bar
dixell
CIR1
CIR2


12.8
°C
10:46
dixell
set
menu


15.7
20.8
bar
dixell
SET


dixell
Alarm
Rec
Tx/Rx
Power
Xweb

our experience...
...your solutions

INDEX

C: 32x74mm

L: 38x185mm

iCHILL

IC100 1 CIRCUIT – UP TO 2 COMPRESSOR CONTROLLERS

IC100 is Dixell's answer to real management and control requirements of chiller unit and heat pump single circuit (gas and water reversibility), with up two compressors or a single compressor with capacity stages, by means of a compact instrument, the possibility of controlling and managing system like:

air / air – "roof top"

air / water

water / water

motor-condensing

refrigeration dryers

This family of advanced multifunction controllers is available in C or L fomats and is right for every space requirements.

PLUS

- Single compressor stand-by
- Forced defrosting
- Combined defrosting
- Alarm control, even in stand-by or remote off
- Alarm reset password
- 4÷20mA output for condensing management
- Internal data logger (up to 50 alarm)
- Real time clock
- Energy saving
- Easy programming through HOT KEY or PC (PROG TOOL KIT)
- RS485 serial output with ModBUS protocol

DISPLAY ICON	MEANING
°C °F	Celsius - Fahrenheit degrees
bar PSI	Bar-PSI
	Compressor 1
	Compressor 2
	Stand-by unit
	Generic alarm
	High pressure alarm
	Low pressure alarm
	Evaporator anti-freezing heater
	Water pump - Supply fan
Flow!	Flow alarm
	Time
	Condenser fan
Menu	Function Menu

ICON	MEANING	FUNCTION
	On	Heat Pump function
	On	Chiller functioning
	Blinking	Programming phase
	Blinking	Defrost delay time active
	On	Defrost activated
		Clock

COMPLETE

The **dual display** and the **16 icons** show a complete information about the status of the machine. Without the need to enter into the programming mode, all the main functioning of the cooling system are displayed with only one key touch.

CONDENSER FAN SPEED MANAGEMENT

Whether with C format or with L format is possible to manage, in proportional way, the speed of the condenser fan, without the need to use external devices; the fans are directly connected to the instrument. The loads controlled are:

- for C format: max 500Watt up to 2A;
- for L format: max 1000Watt up to 4A.

CONNECTIONS

All the controllers of the ICHILL series, have molex connection for quick wiring. Dixell proposes several solutions that make the instruments compatible with other products that are already on the market.

IC110

1 CIRCUIT AND 1 COMPRESSOR CONTROLLERS

C/CI: 32x74mm

L: 38x185mm

IC110C **IC110L**	Advanced multifunction controllers for chiller with 1 circuit and 1 compressor
IC111C **IC111CI** **IC111L**	Advanced multifunction controllers for chiller/heat pump with 1 circuit and 1 compressor

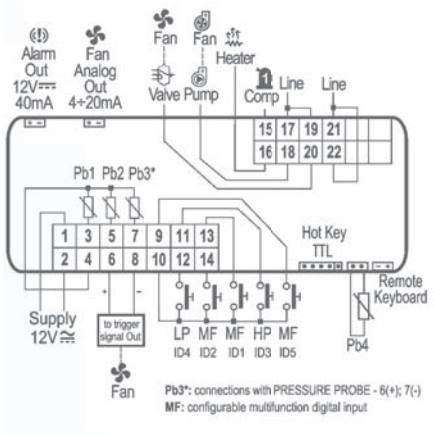
FEATURES	IC110C – IC111C	IC111CI	IC110L – IC111L
First display	± 3 d.p.	± 3 d.p.	± 3 d.p.
Second display	± 4 d.p.	± 4 d.p.	± 4 d.p.
Keyboard: push buttons	4	4	6
Power supply	12Vac/dc (24Vac/dc)	12Vac/dc (24Vac/dc)	12Vac/dc (24Vac/dc) (110/230Vac)
Probe inputs			
Pb1	NTC config	NTC config	NTC config
Pb2	NTC config	NTC config	NTC config
Pb3	NTC/4÷20mA/0,5V config	NTC/4÷20mA/0,5V config	NTC/4÷20mA/0,5V config
Pb4	NTC/dig inp config	NTC/dig inp config	NTC/dig inp config
Digital inputs			
High pressure	pres	pres	pres
Low pressure	pres	pres	pres
N° 4	config	config	config
Relay outputs			
Compressor 1	° 8A	5A	8A
Anti-freezer heaters	° 8A	5A	8A
Water circulating pump or supply fan	8A	5A	8A
Reversing valve, condensing fan	° 8A config	5A config	8A config
Compressor 2, condensing fan, alarm	° (8A config)	(5A config)	(8A config)
Other outputs			
Analog output for fan speed module	(4÷20mA)	(4÷20mA)	(4÷20mA)
Signal output for triac or ON/OFF fan module	* PWM	PWM	PWM
Alarm output	12Vdc-40mA max	12Vdc-40mA max	12Vdc-40mA max
Remote keyboard output	pres	pres	pres
Serial output	TTL	TTL	TTL
Hot Key/Prog Tool Kit output	pres	pres	pres
Other			
Triac module inside	(2A)	2A	(2A) or (4A)
RTC	( )	( )	( )
Buzzer	( )	( )	( )

° With triac module: Compressor 1 = 5A - Anti-freezer heaters = 5A - Reversing valve, condensing fan = 5A config
Compressor 2, condensing fan, alarm = no present

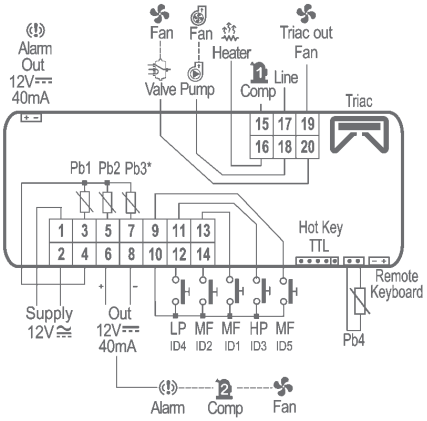
* PWM output becames output configured for aux relay control, when the triac is inside

( ) optional

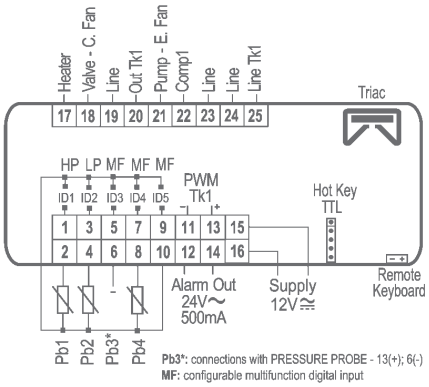
IC110C – IC111C



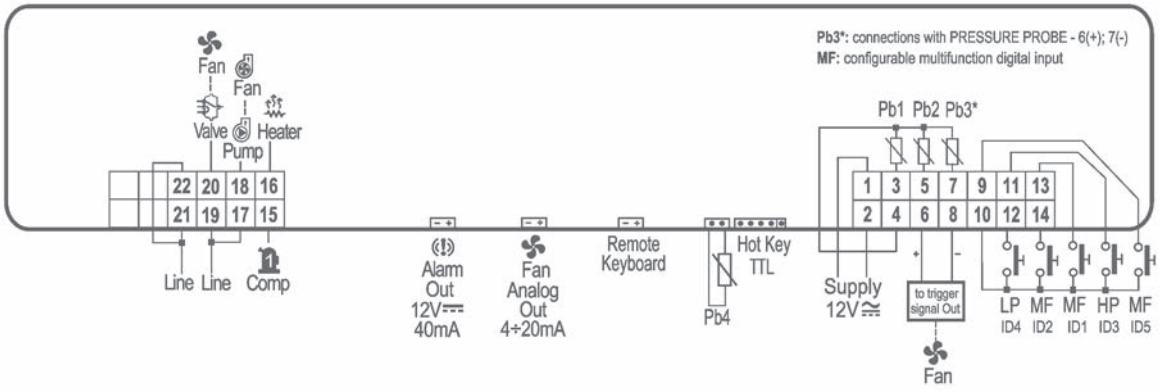
IC110C – IC111C (triac module inside)



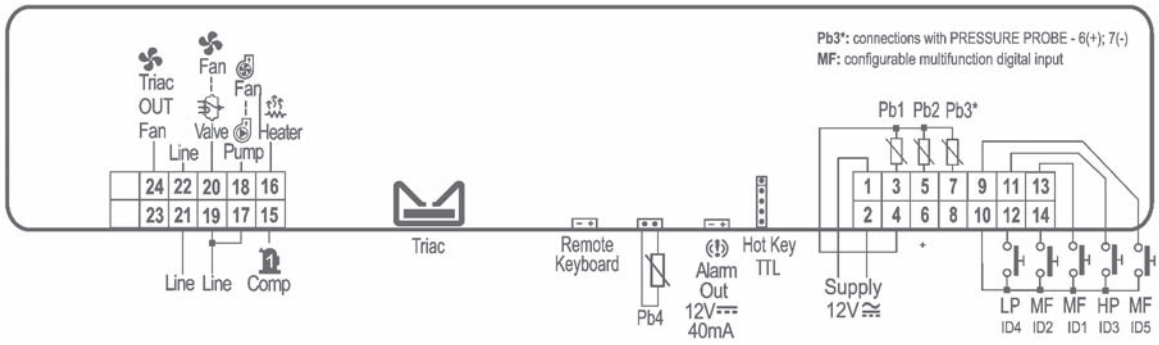
IC111CI (triac module inside)



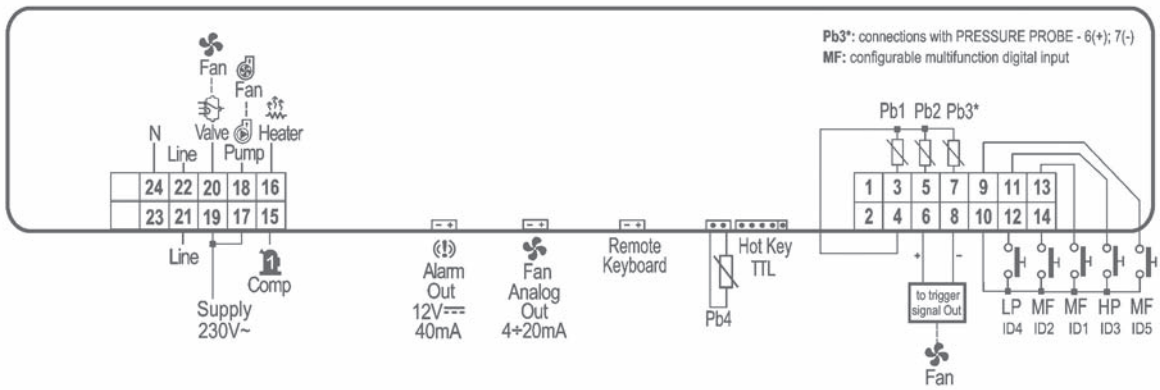
IC110L – IC111L (12, 24Vac/dc power supply)



IC110L – IC111L (triac module inside)



IC110L – IC111L (110, 230Vac power supply)



IC120

1 CIRCUIT AND 2 COMPRESSOR CONTROLLERS

C: 32x74mm

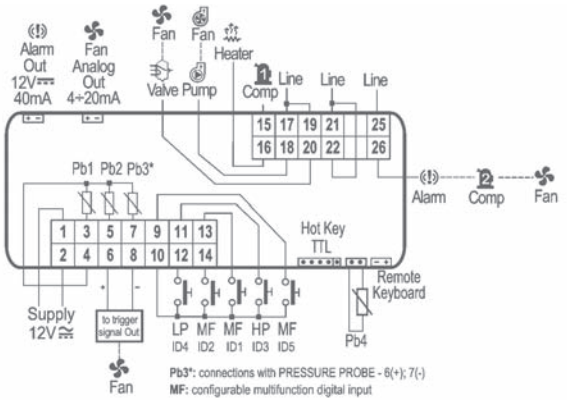
L: 38x185mm

IC120C **IC120L**	Advanced multifunction controllers for chiller with 1 circuit and 2 compressors
IC121C **IC121L**	Advanced multifunction controllers for chiller/heat pump with 1 circuit and 2 compressors

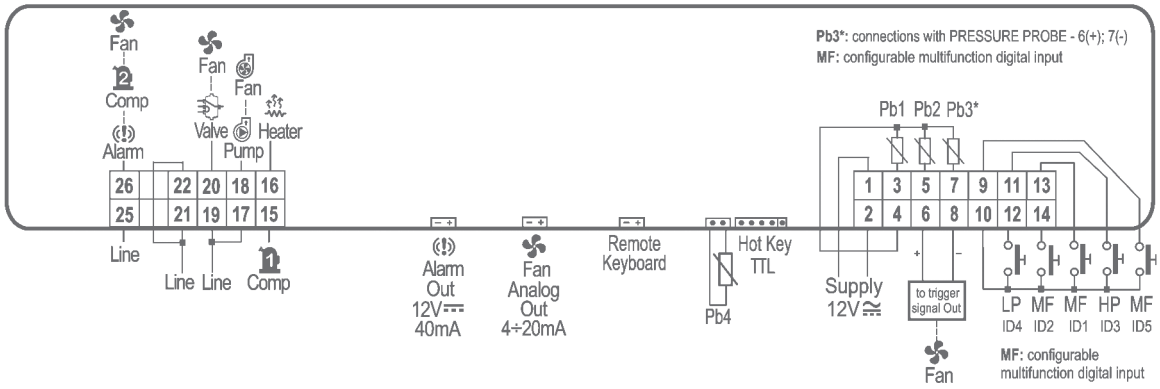
FEATURES	IC120C – IC121C	IC120L – IC121L
First display	± 3 d.p.	± 3 d.p.
Second display	± 4 d.p.	± 4 d.p.
Keyboard: push buttons	4	6
Power supply	12Vac/dc (24Vac/dc)	12Vac/dc (24Vac/dc) (110/230Vac)
Probe inputs		
Pb1	NTC config	NTC config
Pb2	NTC config	NTC config
Pb3	NTC/4÷20mA/0,5V config	NTC/4÷20mA/0,5V config
Pb4	NTC/dig inp config	NTC/dig inp config
Digital inputs		
High pressure	pres	pres
Low pressure	pres	pres
N° 4	config	config
Relay outputs		
Compressor 1	8A	8A
Anti-freezer heaters	8A	8A
Water circulating pump or supply fan	8A	8A
Reversing valve, condensing fan	8A config	8A config
Compressor 2, condensing fan, alarm	8A config	8A config
Other outputs		
Analog output for fan speed module	(4÷20mA)	(4÷20mA)
Signal output for triac or ON/OFF fan module	PWM	PWM
Alarm output	12Vdc-40mA max	12Vdc-40mA max
Remote keyboard output	pres	pres
Serial output	TTL	TTL
Hot Key/Prog Tool Kit output	pres	pres
Other		
Triac module inside		(2A) or (4A)
RTC	( )	( )
Buzzer	( )	( )

( ) optional

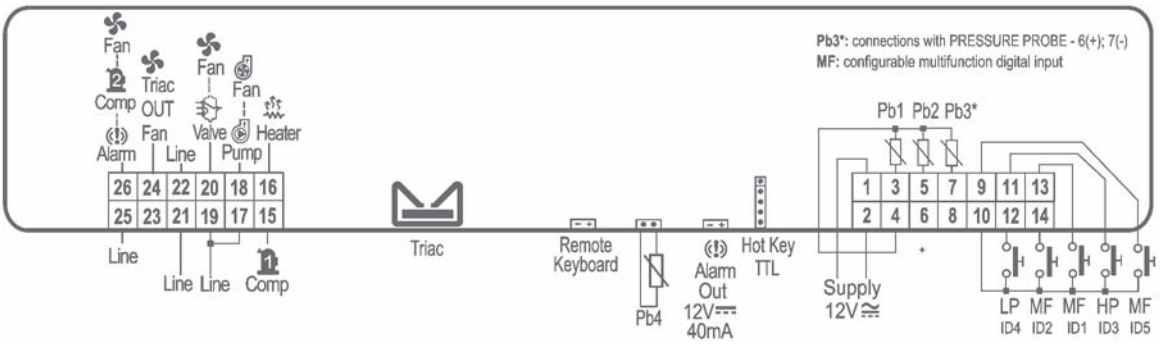
IC120C - IC121C



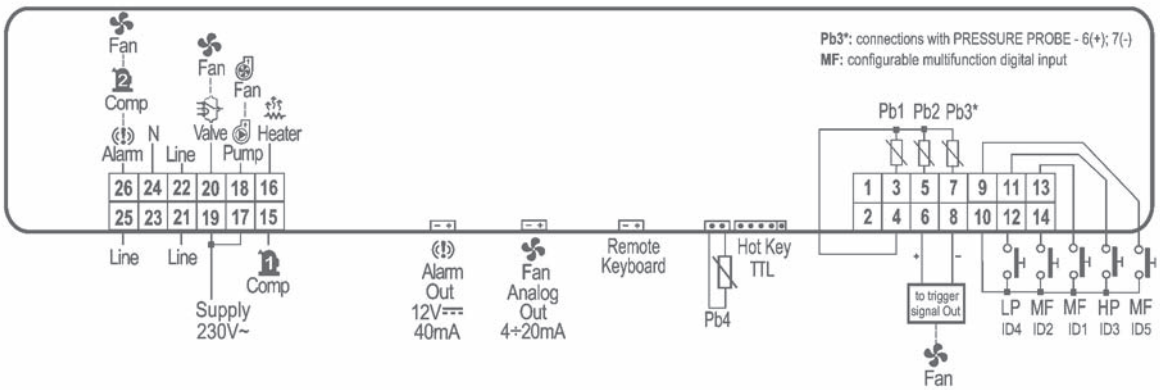
IC120L - IC121L (12, 24Vac/dc power supply)



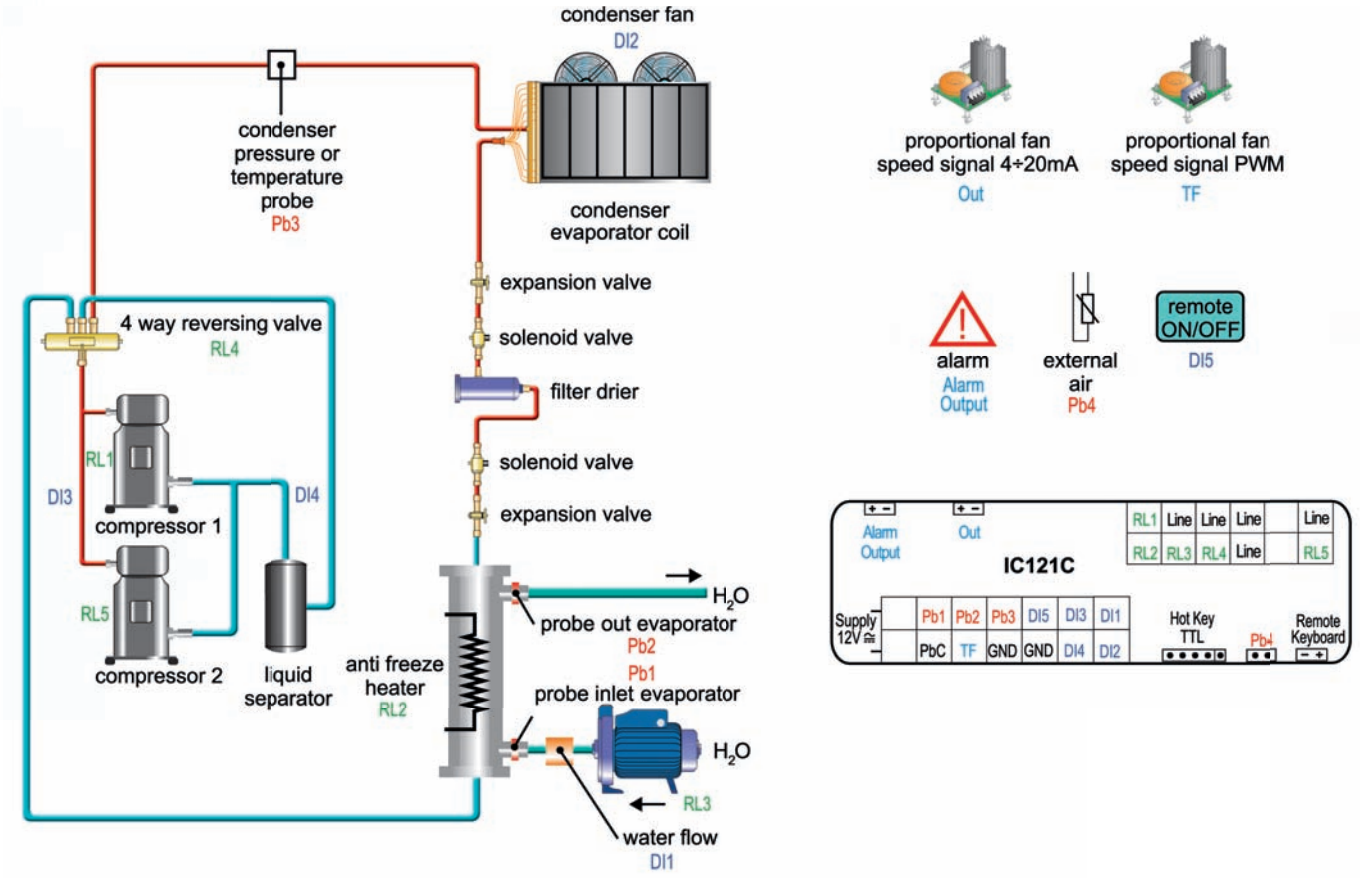
IC120L - IC121L (triac module inside)



IC120L - IC121L (110, 230Vac power supply)



EXAMPLE OF APPLICATION FOR 1 CIRCUIT UP TO 2 COMPRESSOR AIR/WATER CHILLER



TECHNICAL FEATURES

Housing:	self extinguishing ABS
Case:	C: frontal 32x74mm; depth 60mm L: frontal 38x185mm; depth 76mm
Mounting:	C: panel mounting in a 29x71mm cut-out L: panel mounting in a 31x150mm cut-out
Front protection:	IP65 with gasket
Connections:	disconnectable connectors (12-14 pin or 14-6 pin or 16-9 pin)
Power supply:	12Vac/dc -10% ÷ +15%, 24Vac/dc ±10% 50/60Hz 110/230Vac ±10% 50/60Hz
Power absorption:	5VA max
Probe inputs:	up to 4 NTC or 3 NTC + 1 (4÷20mA)/0,5V
Configurable digital inputs:	4
Relay outputs:	SPDT 8(3)A, 250Vac or SPDT 5(2)A, 250Vac
Alarm output:	0÷12Vdc- 40mA max
Analog output:	PWM signal (single-fan module), 4÷20mA (fan module)
Data storing:	on the non-volatile memory (EEPROM)
Operating temperature:	-10÷60°C (14÷140°F)
Storage temperature:	-30÷85°C (-22÷185°F)
Relative humidity:	20÷85% (non condensing)
Measuring and regulation range:	0÷35bar or -40÷110°C (-40÷230°F)
Resolution:	0,1°C or 1°F (selectable)
Accuracy (ambient temperature):	± 0.7°C ± 1digit

HOW TO ORDER

IC100C | I | C | 1 | | | C | - | A | B | C | D | E |

IC111CI | I | C | 1 | 1 | 1 | C | I | - | A | B | 4 | D | E |

A – Power supply

0	12Vac/dc
1	24Vac/dc

B – Regulation inputs

0	4 x NTC
1	3 x NTC + 4÷20mA

C – IC110C / IC111C – Options

	4÷20mA	Aux	Triac 2A
0 =	No	No	No
1 =	No	Yes	No
2 =	Yes	No	No
3 =	Yes	Yes	No
4 =	No	No	Yes

C – IC120C / IC121C – Options

0	No 4÷20mA output
1	Yes 4÷20mA output

D – Measurement unit

0	°C / bar
1	°F / PSI
2	°C / KPA

E

	RTC	Data logger	Buzzer
1 =	No	No	No
2 =	No	No	Yes
3 =	Yes	No	Yes
4 =	Yes	No	No
5 =	No	Yes	No
6 =	No	Yes	Yes
7 =	Yes	Yes	No
8 =	Yes	Yes	Yes

IC100L | I | C | 1 | | | L | - | A | B | C | D | E |

For Inox version please contact Dixell

A – Power supply

0	12Vac/dc
1	24Vac/dc
4	110Vac
5	230Vac

B – Regulation inputs

0	4 x NTC
1	3 x NTC + 4÷20mA

C – IC110L / IC111L – Options

	4÷20mA	Aux	Triac 2A	Triac 4A
0 =	No	No	No	No
1 =	No	Yes	No	No
2 =	Yes	No	No	No
3 =	Yes	Yes	No	No
4 =	No	Yes	Yes	No
5 =	No	No	Yes	No
6 =	No	No	No	Yes
7 =	No	Yes	No	Yes

C – IC120L / IC121L – Options

	4÷20mA	Triac 2A	Triac 4A
0 =	No	No	No
1 =	Yes	No	No
2 =	No	Yes	No
3 =	No	No	Yes

D – Measurement unit

0	°C / bar
1	°F / PSI
2	°C / KPA

E

	RTC	Data logger	Buzzer
1 =	No	No	No
2 =	No	No	Yes
3 =	Yes	No	Yes
4 =	Yes	No	No
5 =	No	Yes	No
6 =	No	Yes	Yes
7 =	Yes	Yes	No
8 =	Yes	Yes	Yes

L: 38x185mm

iCHiLL

IC200 2 CIRCUIT - UP TO 6 COMPRESSOR CONTROLLERS

IC200 is Dixell's answer to the necessities of the dynamic world of conditioning. This series, allows management and control of chiller units (with dual circuits "gas and water reversibility" and up to six compressors), heat pumps and chillers with free cooling and with partial or total heat recovery.

By means of a compact instrument, the possibility of controlling and managing system like:

air/air - "roof top"

air/water

water/water

motor-condensing

PLUS

- Single circuit/compressor stand-by through
- Forced defrosting
- Combined defrosting
- Alarm control, even in stand-by or remote off
- Pump-down function (stop and start)
- PWM/4÷20mA/0÷10V output for condensing management
- Temperature/pressure unloading function
- Screw compressor management (step or steppless functioning)
- Compressor rotating control (also from start/hour number)
- Direct, part-winding, star-delta compressor start
- Dynamic set point
- Start and stop by time bands (from RTC)
- Energy saving by time bands (from RTC or digital input)
- Easy programming through HOT KEY 64 or PC (PROG TOOL KIT)
- RS485 serial output with ModBUS protocol

DISPLAY ICON	MEANING
°C °F	Celsius - Fahrenheit degrees
bar PSI	Bar-PSI
1	Compressor 1
2	Compressor 2
3	Compressor 3
4	Compressor 4
5	Compressor 5
6	Compressor 6
	Generic alarm
	Water pump
Flow!	Flow alarm
	Time/RTC
	Evaporator anti-freezing heater
	Condenser fan

ICON	MEANING
I	AUX relay output n°1
II	AUX relay output n°2
	Defrost

COMPLETE

The **dual display** and the **16 icons** show a complete information about the status of the machine. Without the need to enter into the programming mode, all the main functioning of the cooling system are displayed with only one key touch.

CONNECTIONS

All the controllers of the ICHILL series, have connection for quick wiring.

CONTROLLED DEVICES

- 1 circuit - 1 compressor up to 4 capacity stages management
- 2 circuits - 1 compressor up to 3 capacity stages management
- 2 circuits - 6 compressor management
- Management of up to 2 evaporator section and 2 condenser section water pumps
- Management of up to 4 proportional or ON/OFF outputs 0÷10V
- 2 configurable AUX relay outputs
- Up to 2 remote keyboard management

ALARM MANAGEMENT

The user interface give complete visual information about the plant status and allow the acknowledgement of the alarm events signals.

Each alarm has a dedicat label
(eg. C1tr: thermal compressor 1 alarm)

Alarm reset protects by password

Internal data logger (up to 100 events)

IC200

2 CIRCUIT – UP TO 6 COMPRESSOR CONTROLLERS

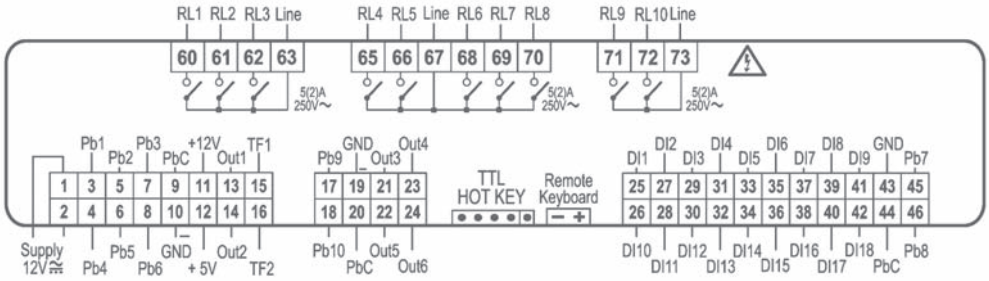
L: 38x185mm

IC260L **IC261L**	Advanced multifunction controllers for chiller with heat pump (2 circuits up to 6 compressors)
IC280L **IC281L**	Advanced multifunction controllers for chiller with heat pump and chillers with free cooling and with partial or total heat recovery (2 circuits up to 6 compressors)

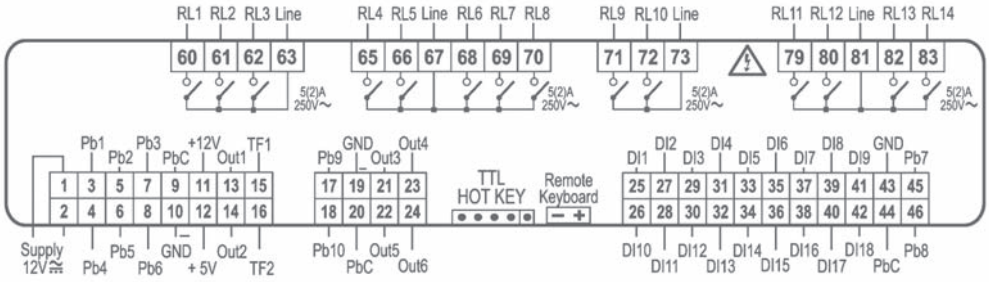
FEATURES	IC260L	IC261L	IC280L	IC281L
First display	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Second display	± 4 d.p.	± 4 d.p.	± 4 d.p.	± 4 d.p.
Keyboard: push buttons	6	6	8	8
Power supply	12Vac/dc (24Vac/dc)	12Vac/dc (24Vac/dc)	12Vac/dc (24Vac/dc)	12Vac/dc (24Vac/dc)
Probe inputs				
NTC - PTC - 4÷20mA - 0÷5V	config	config	config	config
Digital inputs				
N° 18	config	config	config	config
Relay outputs				
N° 10	5A		5A	
N° 14		5A		5A
Other outputs				
PWM outputs for condensing fan	2	2	2	2
0÷10V or 4÷20mA outputs for condensing fan	2 config	2 config	2 config	2 config
0÷10V outputs for free cooling, heat recovery, external relay	4 config	4 config	4 config	4 config
Remote keyboards (up to 2)	VI620	VI620	VI820	VI820
Serial output	TTL	TTL	TTL	TTL
Hot Key 64/Prog Tool Kit output	pres	pres	pres	pres
Other				
RTC	( )	( )	( )	( )
Buzzer	( )	( )	( )	( )

( ) optional

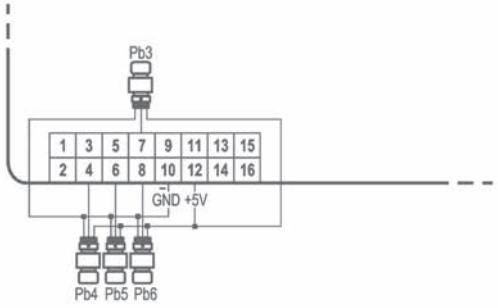
IC260L - IC280L



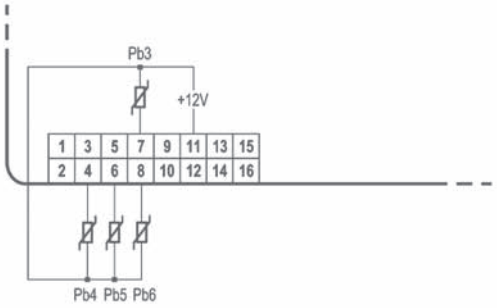
IC261L - IC281L



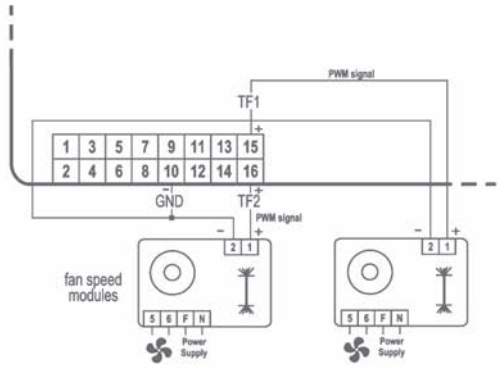
Analog input for ratiometric pressure transducer PPR30 (0÷5V signal)



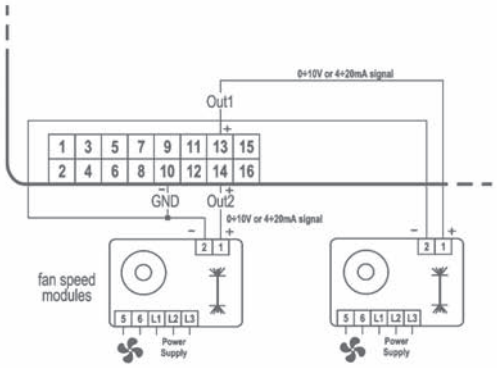
Analog input for pressure transducer PP30 (4÷20mA signal)



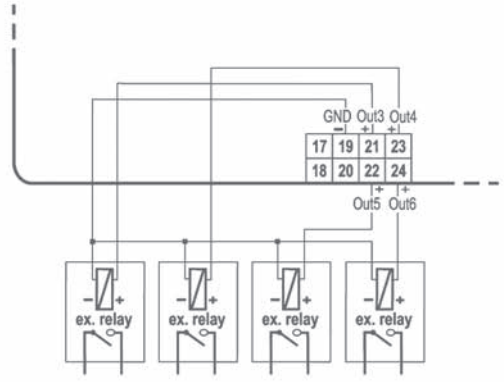
PWM output for condensing single-phase fans



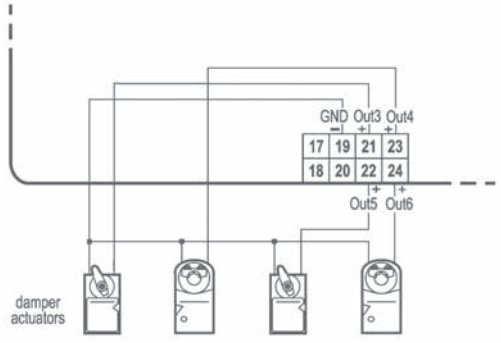
0÷10V or 4÷20mA output for condensing three-phase fans



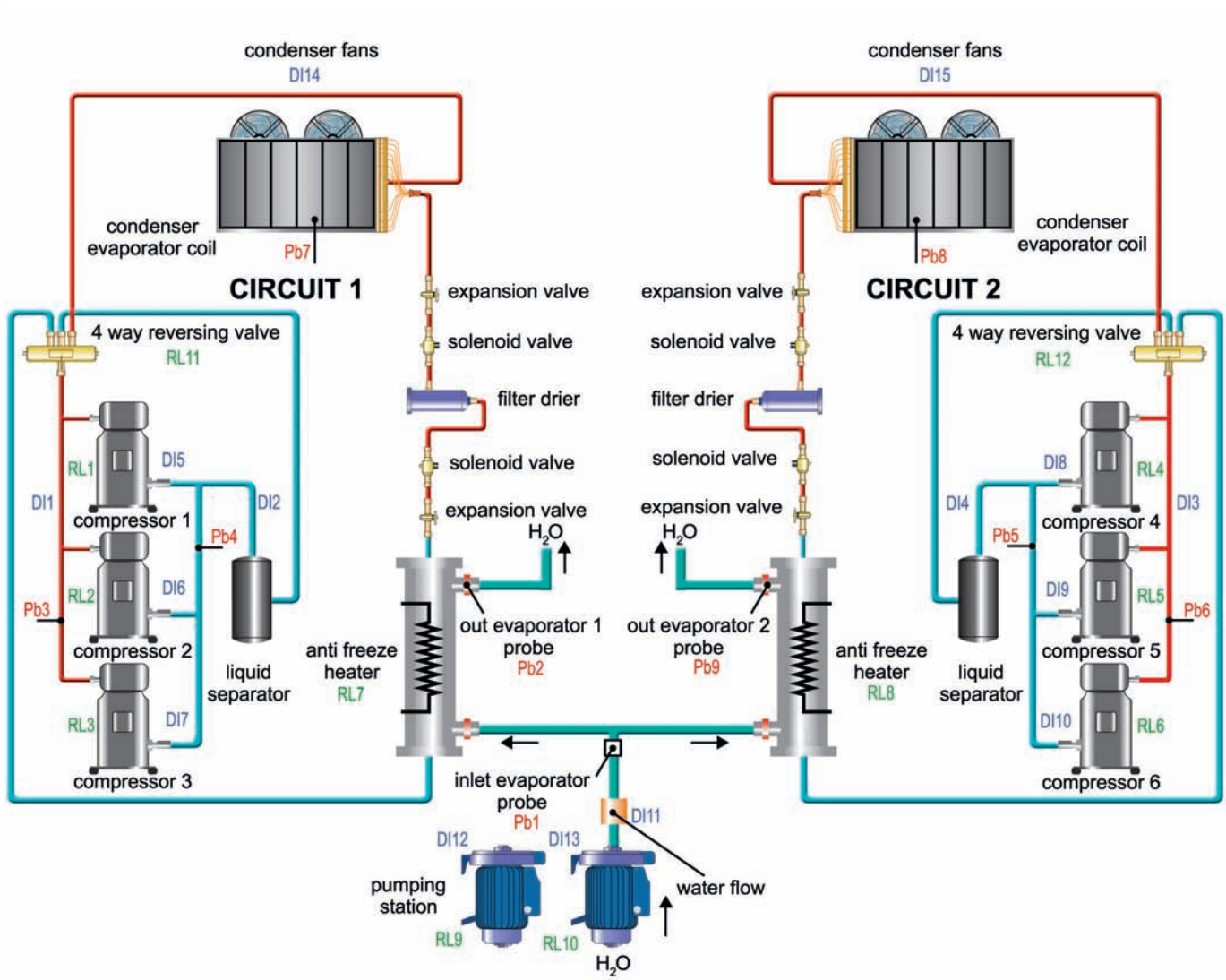
Proportional outputs configured for aux relay control

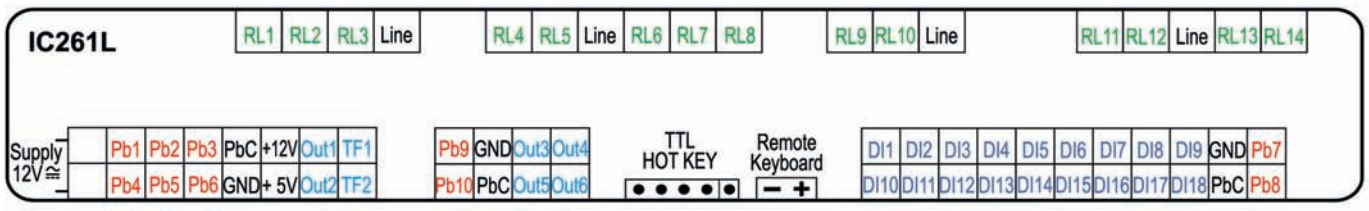


Proportional outputs configured for damper control (0÷10V)



EXAMPLE OF APPLICATION FOR 2 CIRCUIT UP TO 6 COMPRESSOR AIR/WATER CHILLER





TECHNICAL FEATURES

Housing:	self extinguishing ABS
Case:	frontal 38x185mm; depth 76mm
Mounting:	panel mounting in a 31x150mm cut-out
Front protection:	IP65 with gasket
Connections:	disconnectable connectors
Power supply:	12Vac/dc -10% ÷ +15% 24Vac/dc ±10% 50/60HZ
Power absorption:	10VA max
Probe inputs:	NTC or PTC or 4÷20mA or 0,5V
Configurable digital inputs:	18
Relay outputs:	14 SPDT 5(2)A, 250Vac
Analog output:	PWM signal (single-fan module) 4÷20mA (fan module) 0÷10V (fan module)
Data storing:	on the non-volatile memory (EEPROM)
Operating temperature:	-10÷60°C (14÷140°F)
Storage temperature:	-30÷85°C (-22÷185°F)
Relative humidity:	20÷85% (non condensing)
Measuring and regulation range:	pressure probe: 0÷35bar NTC probe: -30÷70°C (-22÷158°F) PTC probe: 0÷150°C (32÷302°F)
Resolution:	0,1°C or 1°F (selectable)
Accuracy (ambient temperature):	± 0.7°C ± 1digit

HOW TO ORDER

IC200L

I	C	2			L	-	A	B	C	D	0

IC 200L

For Inox version please contact Dixell

A	B	C	D
Power supply	**Measurement unit**	**RTC**	**Buzzer**
0 = 12Vac/dc **1** = 24Vac/dc	**0** =°C / bar **1** =°F / PSI **2** =°C / KPA	**0** = No **1** = Yes	**0** = No **1** = Yes

V: 100x64mm

C: 32x74mm

iCHILL

ICHILL REMOTE KEYBOARDS

Up to two remote keyboards directly interfaceable up to 150m can be connected to all IC200 controllers (up to 1 keyboard for IC100 controllers). In this way the user can position the remote device on bases of him requirements to make the managemement of the unit easy. To connect the keyboard to controller use the CAB/CJ15 and CAB/CJ30 connectors.

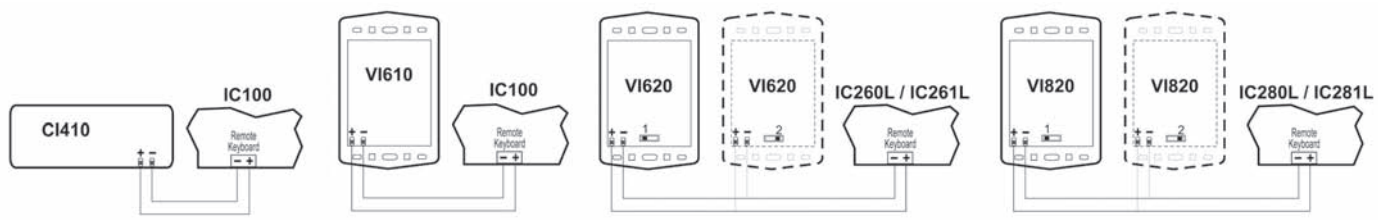
V: 100x64 mm

C: 32x74mm

CI410	4 key keyboard suitable to be connected to IC100 series
VI610	6 key keyboard suitable to be connected to IC100 series
VI620	6 key keyboard suitable to be connected to IC260L, IC261L
VI820	8 key keyboard suitable to be connected to IC280L, IC281L

FEATURES	CI410	VI610	VI620	VI820
For Series	IC100	IC100	IC200	IC200
First display	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Second display	± 4 d.p.	± 4 d.p.	± 4 d.p.	± 4 d.p.
Keyboard: push buttons	4	6	6	8
Power supply	from controller	from controller	from controller	from controller
Internal NTC probe	( )	( )	( )	( )
Buzzer	( )	( )	( )	( )

( ) optional



MOUNTING

The remote keyboards can be mounted on panel.
VI610 – VI620 – VI820 moreover can be mounted on wall by a standard commercial box or by V-KIT, a wall adapter available in grey, black or white colours.

TECHNICAL FEATURES

Housing:	self extinguishing ABS
Case:	C: frontal 32x74mm; depth 60mm V: frontal 100x64mm; depth 24mm
Mounting:	C: panel mounting in a 29x71mm cut-out V: panel mounting in a 72x56mm cut-out
Front protection:	IP65 with gasket
Connections:	screw-terminal block ≤ 2,5mm²
Power supply:	from controller
Probe inputs:	24Vac/dc ±10% 50/60HZ
Operating temperature:	-10÷60°C (14÷140°F)
Storage temperature:	-30÷85°C (-22÷185°F)
Relative humidity:	20÷85% (non condensing)

HOW TO ORDER

				0	-	A	B	0	D	0

A	B	D
Internal probe	**Buzzer**	**Measurement unit**
0 = No **S** = Yes	**0** = No **1** = Yes	**0** =°C / bar **1** =°F / PSI **2** =°C / KPA

ACCESSORIES

CAB/CJ15	Connector with 1,5m wires
CAB/CJ30	Connector with 3m wires
V-KIT/W	Wall adapter for vertical keyboard – white
V-KIT/B	Wall adapter for vertical keyboard – black
V-KIT/G	Wall adapter for vertical keyboard – grey

ICHILL PROBES & TRANSDUCERS

TEMPERATURE PROBES

NTC PROBES

The probes with NTC thermistor are designed for applications where is important the high accuracy and the short responce time. The probe passed several tests, this is why we guarantee a very high reliability.

PROBE	DESCRIPTION	CAVO	TEMP. RANGE	
NS6S	General purpose, resinated, IP67, inox steel cap "dimension Ø6x30mm"	Silicone 1,5÷7,0m	-40÷110°C -40÷230°F	
NS6SJ	General purpose, resinated, IP67, 2 pole connector, inox steel cap "dimension Ø6x30mm"			
NG6P	General purpose, resinated, IP68, waterproof, cap dimension Ø5x20mm	Thermoplastic 1,5÷7,0m	-40÷110°C -40÷230°F	
NG6PJ	General purpose, resinated, IP68, waterproof, 2 pole connector, cap dimension Ø5x20mm			
NX6P	Thermoplastic wire, IP68, inox steel cap "dimension Ø6x20mm"	Thermoplastic 1,5/3,0m	-40÷110°C -40÷230°F	
NX6PJ	Thermoplastic wire, IP68, 2 pole connector, inox steel cap "dimension Ø6x20mm"			
NY6P	Thermoplastic wire, IP68, inox steel cap "dimension Ø6x50mm"	Thermoplastic 1,5/3,0m	-40÷110°C -40÷230°F	
NY6PJ	Thermoplastic wire, IP68, 2 pole connector, inox steel cap "dimension Ø6x50mm"			
NT6-55	Pipemount fitting "Ø4÷Ø30mm in diameter", IP55, copper sensor	Thermoplastic 1,5/3,0m	-40÷110°C -40÷230°F	
NT6-67	Pipemount fitting "Ø4÷Ø30mm in diameter", IP67, resinated			

PTC PROBES

The probes with PTC thermistor are designed for applications where the operating temperature can be higher than 110°C (230°F).

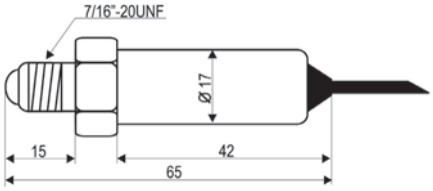
PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
S6.SH	Heating applications, inox steel cap "dimension Ø6x40mm"	Silicone 1,5÷5,0m	-40÷150°C -40÷302°F	

PRESSURE TRANSDUCERS

Pressure transducer supply a standard output current signal (4÷20mA). The silicon sensor is assembled in a waterproof steel housing filled with oil that guarantees stable and constant measurement besides protection against vibrations and duration equivalent to millions of pressure cycles. The tip of the probe is made of 316L steel and this allows the probes to be placed in contact with ammonia and all kinds of corrosive gases in general.

PP30	2 wires transducer with 4÷20mA output and measurement range 0÷30bar

Power supply:	8÷28Vdc
Output:	4÷20mA
Measurement range:	0÷30bar
Protection:	IP65
Operating temperature:	-20÷80°C (-4÷176°F)
Storage temperature:	-35÷80°C (-31÷176°F)
Accuracy:	1% F.S.

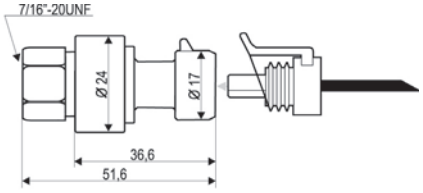


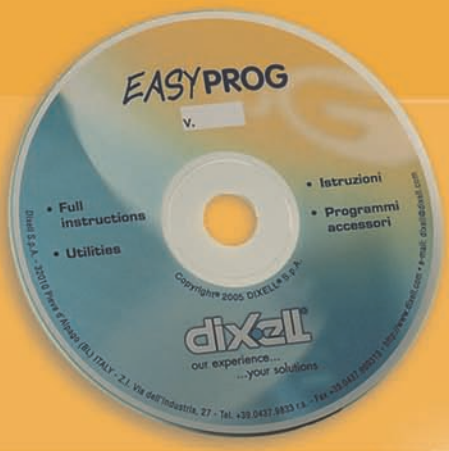
RATIOMETRIC PRESSURE TRANSDUCERS

Pressure transducer supply a standard output ratiometric signal (0÷5V). The design is ideal for demanding HVAC and refrigeration applications where long term reliability is necessary. The electrical interface is a rugged industry accepted connector. This device maintains accuracy through a wide temperature range.

PPR15	3 wires ratiometric transducer with 0÷5V output and measurement range 0÷15bar
PPR30	3 wires ratiometric transducer with 0÷5V output and measurement range 0÷35bar

Power supply:	4,5÷5,5Vdc
Output:	0,5÷4,5Vdc
Measurement range:	PPR15 (0÷15bar) - PPR30 (0÷35bar)
Protection:	IP65
Operating temperature:	-40÷135°C (-40÷275°F)
Storage temperature:	-40÷135°C (-40÷275°F)
Accuracy:	1,2% F.S.

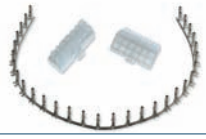




ICHILL WIRING & ACCESSORIES

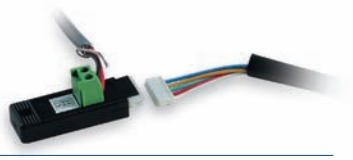
Dixell is able to supply you several connection kits depending on models or configurations. In this way you can obtain an easy and quick wiring.

IC100/IC200 WIRING

WIRING	FOR MODELS	DESCRIPTION	
CW15-KIT	IC100C IC100L	Female connectors 12-14 pins with wires 1.5m	
CF-KIT	IC100C IC100L	Female connectors 12-14 pins with faston	
CAB/CJ15	IC100C IC100L	Connector with 1.5m wires for remote keyboard, PB4 probe, open collector alarm and 4÷20mA output for condensing control	
	IC100CI / IC200L	Connector with 1.5m wires for remote keyboard	
CAB/CJ30	IC100C IC100L	Connector with 3m wires for remote keyboard, PB4 probe, open collector alarm and 4÷20mA output for condensing control	
	IC100CI / IC200L	Connector with 3m wires for remote keyboard	
CWC15-KIT	IC100C + triac module	Female connectors 14-6 pins with wires 1.5m, for models with internal triac	
CWCI15-KIT	IC100CI	Female connectors 16-9 pins with wires 1.5m, for models with internal triac	
CWL15-KIT	IC100L + triac module or 110/230Vac	Female connectors 12-14 pins with wires 1.5m, for models with internal triac or 110/230 power supply	

WIRING	FOR MODELS	DESCRIPTION	
LW30-KIT	IC200L	16/8/22 pin (MOLEX) removable terminal blocks (n°3), with 3m wires sections 0,5mm^2	

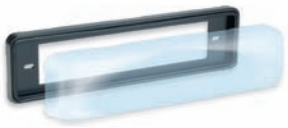
SERIAL INTERFACE

XJ485	The XJ485 serial interface converts the TTL output into a RS485 signal that can be used to connect the controller to the controlling and supervising system. Dimensions: 1,6x16x46mm	
CAB/RS02	Multipolar connector for XJ485, 0.2m	

IC100/IC200 ACCESSORIES

Meeting conditioning needs, Dixell offers global and complete solutions, not only about controllers, but which includes a wide series of useful accessories. They make the use of every regulator very easy, fast and safe.

GASKETS-PROTECTIONS

RG-C	Front panel rubber gasket for C format, IP65 mounting	
RG-L	Front panel rubber gasket for L format, IP65 mounting (STANDARD)	
RG-LX	Front panel rubber gasket for L format, IP65 mounting (INOX)	
RG-V	Front panel rubber gasket for V format, IP65 mounting	
PG-L	Plastic multipurpose protection for L format, IP65	
PG-LF	Plastic multipurpose protection with protective front cover for L format, IP66	

TRANSFORMERS

TF5	The TF5 5VA model is available in the following versions: 230/12Vac, 110/12Vac and 24/12Vac. For IC100	
TF10	The TF10 10VA model is available in the following versions: 230/12Vac,110/12Vac and 24/12Vac. For IC200	

PROGRAMMING KEY

Allows instruments to be programmed in a fast and simple way. Dimensions: 0,8x16x46mm		
HOT KEY For IC100	**HOT KEY 64** For IC200	

PROGRAMMING KIT

PROG TOOL KIT	Programming kit made up of CD and DIN RAIL module with connections for Hot Key and RS485 for Dixell instruments; it allows the user to connect controllers to a PC running Windows 2000/XP OS. The cd-rom included: EASY PROG (to program an instrument or a hot key) EASY TEST (to program instruments that have already been fitted or assembled and is also for final production line tests). The Kit included the CAB/PTK2 wire for DIN module instrument connection. HOW TO ORDER: PROG-TOOL 400 (with 110Vac power supply) PROG-TOOL 500 (with 230Vac power supply)	
CAB/SW 9-9	Cable 9F-9M poles for PC connection, 1,8m