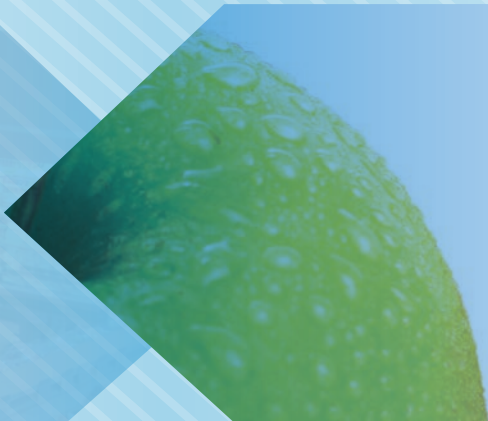


dixell®



EMERSON™
Climate Technologies



THE COMPANY



HEADQUARTERS

Dixell, situated in Pieve d'Alpago (Belluno) and now part of the **Emerson Climate Technologies Group**, is a dynamic Company that from the year 1996 to present has positioned itself among world leaders of electronic Regulation and Control in **Industrial and Commercial Refrigeration, Conditioning and Cooking** fields thanks to continuous **Technologic Innovation** and a **focus on Energy Saving** issues.



SALES, TRAINING

Worldwide, our products are distributed and supported in **over 70 countries**, by a sales network of experienced and **qualified personnel**, guaranteeing the correct selection of controllers and an efficient after sales service. Competence, professionalism, and courtesy make our Customer Service Dept exemplary. It provides our distributors and customers alike with technical support, solutions and concise answers to issues that may arise. Constant **technological development and innovation** of our products make us stand out in the market as the strategic choice for most users. This and the continuous growth of our product range requires constant training for our own staff and our distributors. To meet this challenge a fully equipped training facility with the most advance computer technology has been developed at our Belluno base.



IPro ACADEMY

A center of excellence that combines innovation requests received from the HVAC/R market combined with technological opportunities, in this way guaranteeing continuous **iPro programmable platform** growth.



RESEARCH, DEVELOPMENT, PRODUCTION

Continuous **research and development** means that all of our controllers feature the latest generation of microprocessors. Giving due consideration to the actual needs of many users has lead us to develop Dixell's fast and simple programming methods. Most operating features are carefully developed through listening closely to the requirements of our many users. Our "Research and Development" and our "Production" departments are highly flexible, which means they can respond quickly to specific customer requirements and offer appropriate solutions, now even more competitive and flexible thanks to China bases. Highly sophisticated equipment is now employed in the development and control of manufacturing. Here delicate and repetitive tasks are mostly carried out by "state of the art" **automatic systems**.



QUALITY

Dixell has been awarded with ISO9001 certificate and it constantly commits itself to quality in everything it does. The quality system of Dixell conforms to the Quality System Standard **UNI EN ISO 9001:2008**.



ENVIRONMENT

Dixell firmly believes in the **respect and safeguard of the environment**, with particular attention to all industrial processes and to the research and development of new products.

Dixell's strengths are the realization of regulators that combine high performance with high **energy savings** and the use of eco-friendly components, in full compliance with all Italian and International laws and standards. To this end Dixell complies with the Material Compliance Program of Emerson respecting the **RoHS** directive (**2002/95/EC**) and the **REACH** regulation (**CE n. 1907/2006**), asking its suppliers accurate analysis on all purchased components. Furthermore packing materials are in accordance with **2004/12/CE European Directive**.



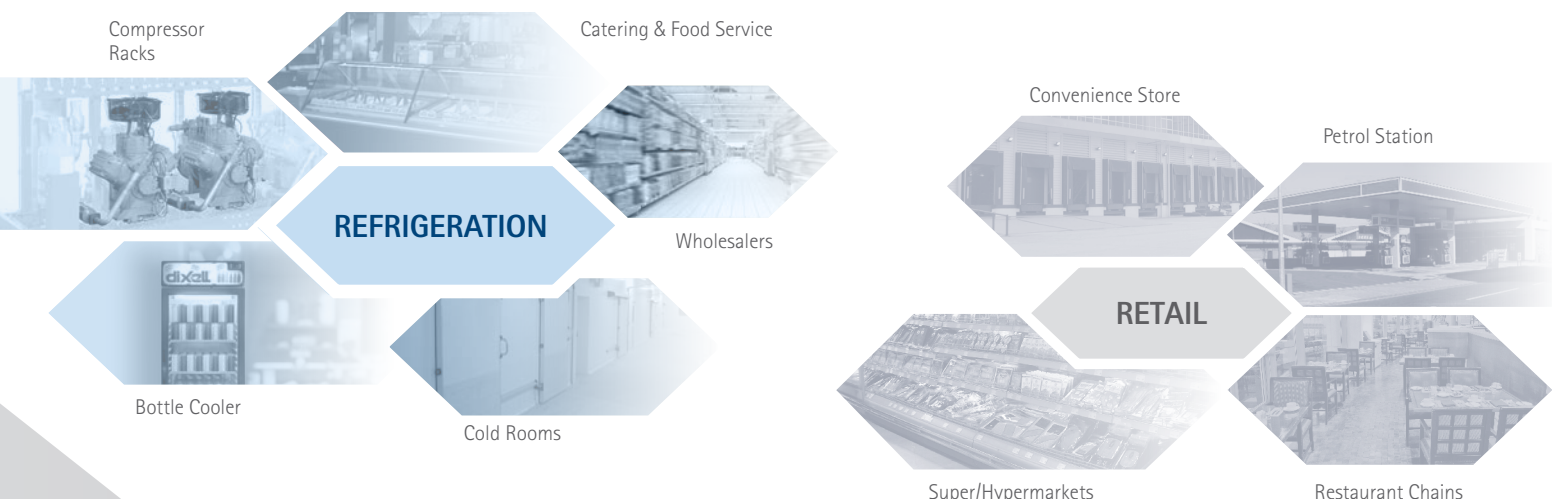
APPLICATIONS



REFRIGERATION

Refrigeration requires the control of many different conditions to guarantee that products are processed and stored correctly. Temperature, pressure and humidity must be monitored with reliable devices that are also simple to manage. Whether we are dealing with a **compressor rack controller** or the **smallest refrigerator** or **refrigerated transport**, controllers must provide total solutions that provide complete control.

Often, hidden behind a **bottle cooler** or **pharmaceutical cabinet**, lies the electronic technology which is nowadays required, which is becoming more important and plays a decisive role, both for the designer and for the consumer. The concepts of integration, remote access, energy savings, functional aesthetics and connectivity are important considerations on which even the **wholesaler** can always rely on. Even regarding **catering** and **food service**, Dixell has years of experience in offering products with excellent performance and durability including special applications such as **blast chiller** processes used in freshly-cooked food conservation. Dixell's solutions to the introduction of food hygiene regulations (HACCP) offer immediate advantages in terms of cost, time and system operation.





RETAIL

The complete solution that Dixell offers for the Retail field is a solution for every kind of application, from **petrol station** to **hypermarket** up to **convenience stores**. If there is an alarm, it is necessary to be advised quickly in order to intervene without delay. Depending on the application, Dixell provides remote assistance systems for local monitoring, for supervising or remote control including via Internet. Where there are many points of sale, such as **restaurant chains** or **distribution centers**, centralized management software for the Call Center is available.



CONTRACTING

Experience, combined with innovation, allows our products to be used in the most diverse **industrial applications**; alarm management is very important for safety and this is why all the controllers are designed to supply effective diagnostics whether at local level or by connection to remote assistance system. Dixell devices are particularly adaptable and make the application easy to use even in the **industrial automation** field, thanks to the wide range of products available and their compatibility with current safety standards.



INFO

For **further information** about all Dixell products please check out our Web Site **www.dixell.com**.



RANGE

PARAMETRIC CONTROLLERS

Different needs that crowd the refrigeration world are satisfied with a complete series of parametric controllers with an innovative design and intuitive interfaces. Intelligent algorithms, most of those are oriented toward the **energy saving**, and **innovative functions** mark a range of products that includes different fields of cooling world giving a wide range of general purpose solution, for multiplexed cabinets, cabinets and rooms, bottle cooler, blast chiller, compressor racks and refrigerated trucks. Specific solutions that are used also in applications such as pharmaceutical or fan speed, food warming cabinets and ovens control and in temperature, humidity and pressure regulation.

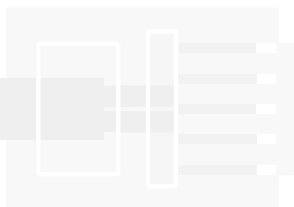


PROGRAMMABLE CONTROLLERS

The iPro family of controllers, whether dedicated for HVAC/R units or for general purposes, is characterized by the most advanced technology in **connectivity** and processing speed.

iPro controllers are based on a powerful platform that includes one hardware configuration that is able to expand the actual solution in the market, and software that, thanks to the ISaGRAF® development environment, allows the development through standard programming languages.

An **easy** and **useful HMI** is also guaranteed through graphic displays and the touch screen, as the **expandability** and the solution to many applications are satisfied with a complete range of accessories, including I/O expansion modules, proportional electronic valve management, modem, wirings, and more.





SYSTEMS

The XWEB System family is based on web technology used to satisfy monitoring and supervising requirements in Commercial and Industrial Refrigeration fields from small shops to hypermarkets, and refrigerated warehouses to food production centers. Other potential fields are: chemical-pharmaceutical, oenological, naval, museums, hospital, etc. Dixell Systems conform to **HACCP** rules; the **CRO** (compressor rack optimization) reduced Set-point, anti-sweet heaters, lights and the power peaks are used with the result of having an optimize **energy savings**. It is also important to have the possibility to have integration with air conditioning machines that are equipped with iCHILL and iPro Dixell controllers. For retrofitting we offer ICOOLL **wireless** (RF) modules plus relay and acquisition module families for probe inputs and alarm outputs. All XWEB's can be connected anywhere with XCENTER, the program for the centralized management for a modern and organized **Call Center**, dedicated to alarm management and for a pro-active Service based on the Oracle database.



PROBES and ACCESSORIES

A complete series of probes & transducers for temperature, humidity, and pressure ensures that for every application the end user has the right level of accuracy and the appropriate lead time.

A family of useful accessories such as modems, wirings, serial interfaces, programming kits, and protections makes it easy, fast, and accurate to use each instrument in every situation, especially with a remote connection or for energy analysis.

CORPORATE and HOMOLOGATIONS

All the production conforms to **CE** norms with regards to low voltage and electromagnetic compatibility. For many models, Dixell has the voluntary mark at approval Authority (**ENEC**, **usULc**) ensuring a reliable international rules conformance.



CE mark

It indicates conformity to the European Directives issued to guarantee the safety of the users and the environment. It is obligatory for all products distributed within the European Community. It does not replace the voluntary Quality Mark.



ENEC mark

Voluntary quality mark recognised as equivalent to the single national marks of the Countries adherent to the accord. It certifies that a product conforms to the European norms EN, and that it has been manufactured by a company with quality systems conforming to ISO 9000 norms.



UL mark

Voluntary quality mark, valid for the American Market. It certifies conformity of a product to the American safety directives, which sometimes differ from European ones.



GOST-R

Voluntary certificate valid for the Russian Market. It certifies quality of supplied goods and their conformity with norms and standards Russian Federation.

WING: INNOVATIVE AESTHETICAL SOLUTIONS

The WING family, characterized by a high aesthetical value, presents a series of solutions able to satisfy every need in refrigeration field especially when the design becomes a fundamental, such as for cream freezers or pastry refrigerators etc... This series is available in classic formats, Compact (L and V) and Split (K), with vertical or horizontal keyboard. In particular, horizontal format is divided in 2 macro families:

- **WING TOUCH**;
- **WING STANDARD** (available also INOX or BACK-PANEL with POLYCARBONATE).

Great versatility and customization are given to these models thanks to the reduced space (LR) and to the display with icons that, depending on the model, can be white, red or blue.

WING TOUCH

- Capacitive TOUCH technology
- Frontal backlit
- Standard or back-panel front mounting



IP65



Back-panel mounting
with PM-WLT bracket
(surface thickness 0.8÷1.0mm)

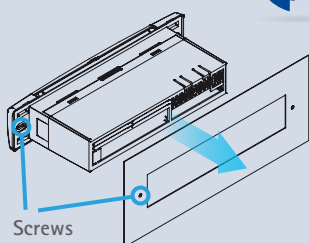


Standard front mounting

MOUNTING OPTIONS

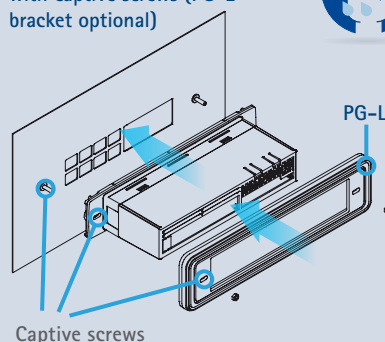
Depending on the model, Dixell gives different mounting solutions. High protection, great aesthetic value, easy and quick fixing mode are guaranteed by the solutions below:

STANDARD mounting with screws



Screws

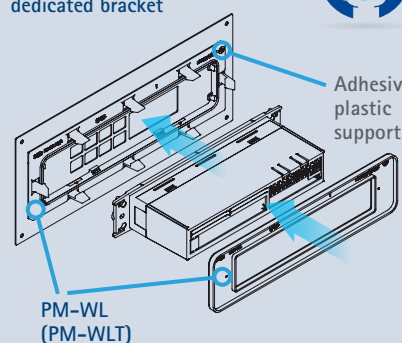
BACK-PANEL mounting with captive screws (PG-L bracket optional)



PG-L

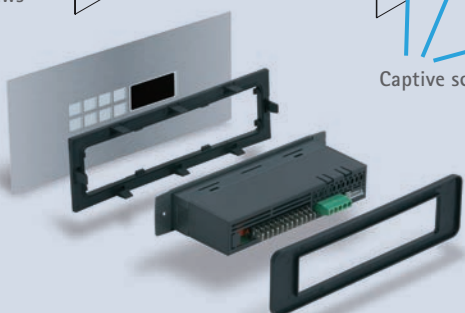
Captive screws

BACK-PANEL mounting with PM-WL(T) dedicated bracket



PM-WL
(PM-WLT)

Adhesive
plastic
support



The PM-WL (PM-WLT for WING TOUCH) bracket, developed by Dixell, is the ideal solution for back-panel mounting without using captive screws. The fixing system is composed of 2 parts: one adhesive to be put on the panel, and one movable to hold the instrument.

WING STANDARD

- Frontal glass frame to protect the keys
- Standard front mounting



IP65



WING INOX option

IP65



- Bright or satinized steel front
- Standard or back-panel front mounting



Standard front mounting

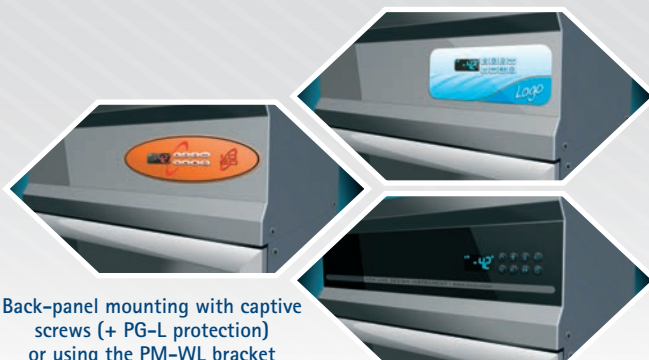


Back-panel mounting with captive screws (+ PG-L protection) or using the PM-WL bracket (surface thickness 0.8÷1.0mm)

BACK-PANEL with POLYCARBONATE option

- Front polycarbonate that can be easily customized
- Back-panel mounting

IP65



Back-panel mounting with captive screws (+ PG-L protection) or using the PM-WL bracket (surface thickness 0.8÷1.0mm)

	Formats	Front mounting	Back-panel mounting with captive screws	Back-panel mounting with bracket
WING TOUCH	LT, LRT, TOUCH keyboards	yes	no	yes with PM-WLT bracket
WING STANDARD	L, LR, T keyboards	yes	no	no
INOX option	L, LR, T keyboards	yes	yes with PG-L bracket optional	yes with PM-WL bracket
POLYCARBONATE option	L, LR, T keyboards	no	yes with PG-L bracket optional	yes with PM-WL bracket



WING SERIES: NT and LT APPLICATIONS – COMPACT/SPLIT FORMAT

- Innovative controllers with different aesthetic solutions that enhance the final product
- Direct live and neutral load connections for reduction of wiring costs
- Direct driving of compressors up to 1,2HP (20A relay inside)
- Direct line power supply. No external transformer required
- Up to 8 push buttons with direct action for user friendly interface
- Maximum and minimum temperature recording
- High and low humidity control simple or floating
- Smart defrost
- Integrated functions for energy saving
- Continuous cycle with a dedicated set point
- Virtual probe management
- Hot Key or Prog Tool Kit connector for quick and easy programming
- Connection for X-REP remote display
- Serial connection to monitoring systems
- 7VA max power absorption
- LED display (10,5mm high) and icons

LR and VS formats are the specific solution for all applications with a reduced space



Controllers are provided with a wide display with integrated icons of the real time situation and the measurement unit, for clear and continuous monitoring.



HOW to ORDER

WING L X W L - A B C D E - N



For inox, blue display, back-panel with polycarbonate version please contact Dixell

A	B		C		D	E
Power supply	Inputs	Light relay	Buzzer	RTC	Measurement unit	X-REP
2 = 24Vac	N = NTC	8A	0 = No	No	C = °C	0 = No
4 = 110Vac	P = PTC	8A	1 = Yes	No	F = °F	1 = Yes
5 = 230Vac	L = NTC	16A	2 = No	Yes supercap		
	M = PTC	16A	3 = Yes	Yes supercap		
	Q = NTC	16A neon				
	R = PTC	16A neon				

WING LT

X W L T - A B C D E

WING LT back-panel mounting

X W L T - A B C D E - R

A	B	C	D	E	
Power supply	Inputs	RTC	Measurement unit	Display	X-REP
2 = 24Vac	N = NTC	1 = No	W = °C	White	0 = No
4 = 110Vac	P = PTC	3 = Yes supercap	Y = °F	White	1 = Yes
5 = 230Vac			C = °C	Red	
			F = °F	Red	
			D = °C	Blue	
			G = °F	Blue	

WING LR X W L R - A B C D O - N



For inox, blue display, back-panel with polycarbonate version please contact Dixell

A	B	C	D	
Power supply	Inputs	Buzzer	RTC	Measurement unit
4 = 110Vac	N = NTC	0 = No	No	C = °C
5 = 230Vac	P = PTC	1 = Yes	No	F = °F
		2 = No	Yes supercap	
		3 = Yes	Yes supercap	

HOW to ORDER

WING LRT

X	W			L	R	T	-	A	B	C	D	O
---	---	--	--	---	---	---	---	---	---	---	---	---

WING LRT back-panel mounting

X	W			L	R	T	-	A	B	C	D	O	-	R
---	---	--	--	---	---	---	---	---	---	---	---	---	---	---

A	B	C	D	
Power supply	Inputs	RTC	Measurement unit	Display
4 = 110Vac	N = NTC	1 = No	W = °C	White
5 = 230Vac	P = PTC	3 = Yes supercap	Y = °F	White
			C = °C	Red
			F = °F	Red
			D = °C	Blue
			G = °F	Blue

WING V

X	W			V	-	A	B	C	D	E
---	---	--	--	---	---	---	---	---	---	---

-17.8

For blue display please contact Dixell

WING VS

X	W			V	S	-	A	B	C	D	O
---	---	--	--	---	---	---	---	---	---	---	---

-17.8

For blue display please contact Dixell

A	B	C	D	E
Power supply	Inputs	Buzzer	Measurement unit	Compressor output
2 = 24Vac 4 = 110Vac 5 = 230Vac	N = NTC P = PTC	0 = No 1 = Yes	C = °C F = °F	0 = 8A 1 = 20A

WING K

X	W			K	-	A	B	C	D	E
---	---	--	--	---	---	---	---	---	---	---

A	B	C	D	E
Power supply	Inputs/light relay	Housing	Measurement unit	RTC
2 = 24Vac 4 = 110Vac 5 = 230Vac	N = NTC P = PTC L = NTC/16A neon M = PTC/16A neon	0 = Open board "OS" 1 = Open board + 8 DIN Rail base 2 = 8 DIN Rail 3 = "GS" housing	C = °C F = °F	0 = No 2 = Yes supercap 4 = Battery

CX/TX/VX KEYBOARDS

	X		2	0	-	A	0	0	N	0
--	---	--	---	---	---	---	---	---	---	---

inox

For inox and back-panel with polycarbonate version on TX keyboards please contact Dixell

-17.8

For blue display please contact Dixell

A
Buzzer
0 = No 1 = Yes

TOUCH KEYBOARDS

T		2	0	T	-	1	0	0	D	0
---	--	---	---	---	---	---	---	---	---	---

TOUCH KEYBOARDS back-panel mounting

T		2	0	T	-	1	0	0	D	0	-	R
---	--	---	---	---	---	---	---	---	---	---	---	---

D
Display
N = Red R = Blue W = White

XW20L	Digital controller for NT with "off cycle" defrost
XW20LT	Digital controller for NT with "off cycle" defrost, TOUCH interface and red, white or blue display
XW20LR	Digital controller for NT with "off cycle" defrost and reduced depth
XW20LRT	Digital controller for NT with "off cycle" defrost, reduced depth, TOUCH interface and red, white or blue display

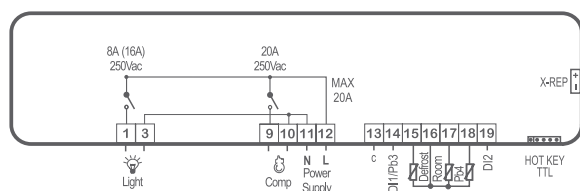


L, LR: 38x185mm

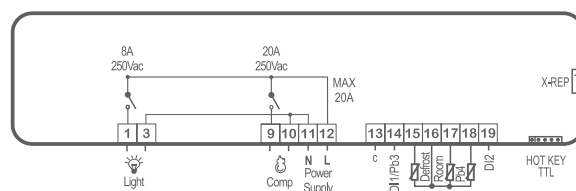
LT, LRT: 38x185mm

FEATURES	XW20L	XW20LT	XW20LR	XW20LRT
Display: n° digits	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Keyboard: push buttons	6	6	6	6
Power supply	24, 110, 230Vac	24, 110, 230Vac	110, 230Vac	110, 230Vac
Probe inputs				
Thermostat	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Defrost	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Condenser	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Display	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Digital inputs				
Alarm, start defrost, door switch, pressure switch, probe	config	config	config	config
DI 2	config	config	config	config
Relay outputs				
Compressor	20A	20A	20A	20A
Defrost				
Fans				
Light	8A, 16A	8A	8A	8A
Alarm, AUX				
RL 6 configurable				
Other				
Hot Key/Prog Tool Kit output	pres	pres	pres	pres
Remote display output	X-REP opt	X-REP opt		
Serial output	TTL	TTL	TTL	TTL
Triac output				
Buzzer	opt	pres	opt	pres
Real time clock	opt	opt	opt	opt

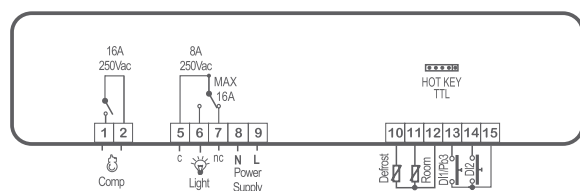
XW20L



XW20LT



XW20LR - XW20LRT





L: 38x185mm



V, VS: 100x64mm

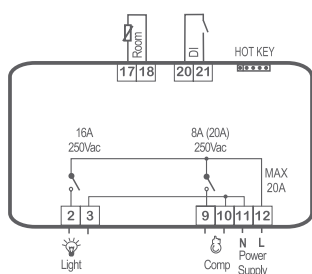


K: OS/GS/8 DIN Rail

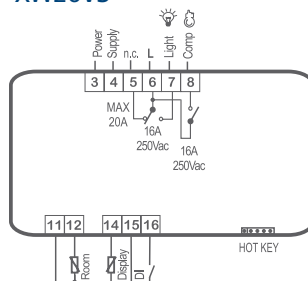
XW20V	Digital controller for NT with "off cycle" defrost
XW20VS	Digital controller for NT with "off cycle" defrost and reduced depth
XW20K	Digital controller in split format for NT with "off cycle" defrost
XW40L	Digital controller for NT and LT with electrical or hot gas defrost function
XW40K	Digital controller in split format for NT and LT with electrical or hot gas defrost function

FEATURES	XW20V	XW20VS	XW20K	XW40L	XW40K
Display: n° digits	± 3 d.p.	± 3 d.p.	on keyboard ± 3 d.p.	± 3 d.p.	on keyboard ± 3 d.p.
Keyboard: push buttons	6	6	6 (on CX620, TX620, T620T, VX620)		6 (on CX620, TX620, T620T, VX620)
Power supply	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac
Probe inputs					
Thermostat	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Defrost				NTC, PTC	NTC, PTC
Condenser			NTC, PTC	NTC, PTC	NTC, PTC
Display		NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Digital inputs					
Alarm, start defrost, door switch, pressure switch, probe	config	config	config	config	config
DI 2				config	
Relay outputs					
Compressor	8A, 20A	16A	20A	20A	20A
Defrost				8A	16A
Fans					
Light	16A	16A	16A	8A, 16A	16A
Alarm, AUX					
RL 6 configurable					
Other					
Hot Key/Prog Tool Kit output	pres	pres	pres	pres	pres
Remote display output				X-REP opt	
Serial output			TTL	TTL	TTL
Triac output					
Buzzer	opt	opt	on keyboard	opt	on keyboard
Real time clock			opt	opt	opt

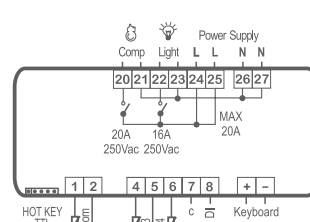
XW20V



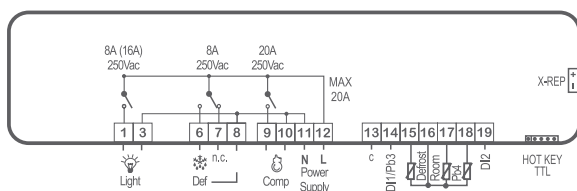
XW20VS



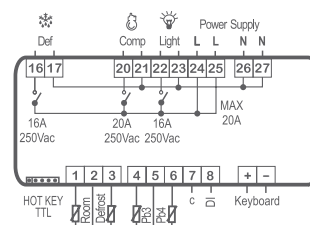
XW20K



XW40L



XW40K



CONTROLLERS for VENTILATED APPLICATIONS

WING

XW60L	Digital controller for NT and LT with electrical or hot gas defrost function and fans
XW60LT	Digital controller for NT and LT with electrical or hot gas defrost function and fans, TOUCH interface and red, white or blue display
XW60LR	Digital controller for NT and LT with electrical or hot gas defrost function and fans and reduced depth
XW60LRT	Digital controller for NT and LT with electrical or hot gas defrost function and fans, reduced depth, TOUCH interface and red, white or blue display
XW60V	Digital controller for NT and LT with electrical or hot gas defrost function and fans
XW60VS	Digital controller for NT and LT with electrical or hot gas defrost function and fans and reduced depth



L, LR: 38x185mm



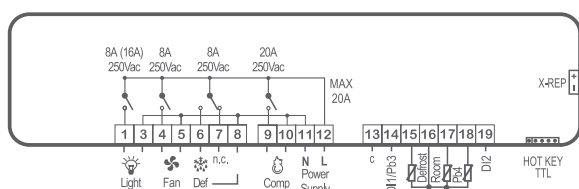
LT, LRT: 38x185mm



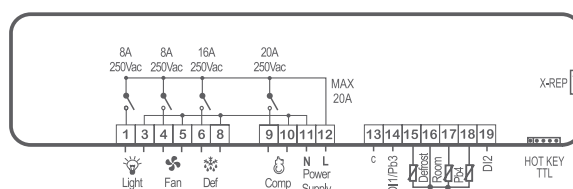
V, VS: 100x64mm

FEATURES	XW60L	XW60LT	XW60LR	XW60LRT	XW60V	XW60VS
Display: n° digits	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Keyboard: push buttons	6	6	6	6	6	5
Power supply	24, 110, 230Vac	24, 110, 230Vac	110, 230Vac	110, 230Vac	24, 110, 230Vac	24, 110, 230Vac
Probe inputs						
Thermostat	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Defrost	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Condenser	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC		
Display	NTC, PTC	NTC, PTC				NTC, PTC
Digital inputs						
Alarm, start defrost, door switch, pressure switch, probe	config	config	config	config	config	config
DI 2	config	config	config	config		
Relay outputs						
Compressor	20A	20A	20A	20A	8A, 20A	16A
Defrost	8A	16A	8A	8A	8A	16A
Fans	8A	8A	5A	5A	8A	8A
Light	8A, 16A	8A	5A	5A	16A	
Alarm, AUX						
RL 6 configurable						
Other						
Hot Key/Prog Tool Kit output	pres	pres	pres	pres	pres	pres
Remote display output	X-REP opt	X-REP opt				
Serial output	TTL	TTL	TTL	TTL		
Triac output						
Buzzer	opt	pres	opt	pres	opt	opt
Real time clock	opt	opt	opt	opt		

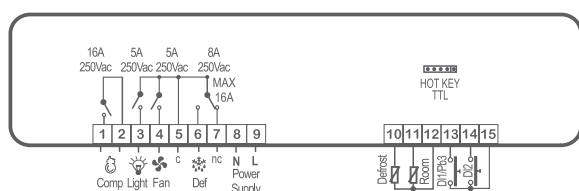
XW60L



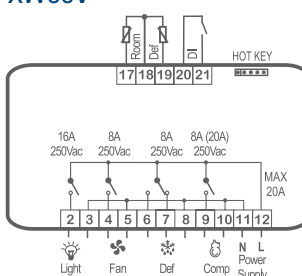
XW60LT



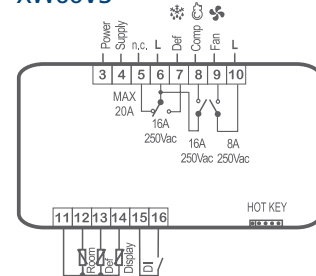
XW60LR - XW60LRT



XW60V



XW60VS





L: 38x185mm



LT: 38x185mm

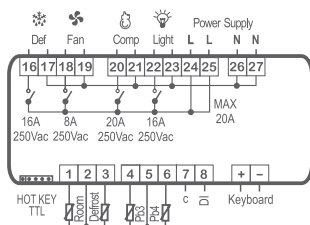


K: OS/GS/8 DIN Rail

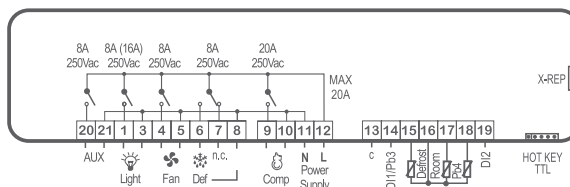
XW60K	Digital controller in split format for NT and LT with electrical or hot gas defrost function and fans
XW70L	Digital controller in split format for NT and LT with electrical or hot gas defrost function, fans and auxiliary relay
XW70LT	Digital controller for NT and LT with electrical or hot gas defrost function, fans and auxiliary relay, TOUCH interface and red, white or blue display
XW70K	Digital controller in split format for NT and LT with electrical or hot gas defrost function, fans, auxiliary relay and triac (ON/OFF)

FEATURES	XW60K	XW70L	XW70LT	XW70K
Display: n° digits	on keyboard ± 3 d.p.	± 3 d.p.	± 3 d.p.	on keyboard ± 3 d.p.
Keyboard: push buttons	6 (on CX620, TX620, T620T, VX620)	8	8	8 (on TX820, T820T, VX820)
Power supply	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac
Probe inputs				
Thermostat	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Defrost	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Condenser	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Display	NTC, PTC	NTC, PTC	NTC, PTC	NTC, PTC
Digital inputs				
Alarm, start defrost, door switch, pressure switch, probe	config	config	config	config
DI 2		config	config	config
Relay outputs				
Compressor	20A	20A	20A	20A
Defrost	16A	8A	16A	16A
Fans	8A	8A	8A	8A
Light	16A	8A, 16A	8A	16A
Alarm, AUX		8A	8A	
RL 6 configurable				
Other				
Hot Key/Prog Tool Kit output	pres	pres	pres	pres
Remote display output		X-REP opt	X-REP opt	
Serial output	TTL	TTL	TTL	TTL
Triac output				2A
Buzzer	on keyboard	opt	pres	on keyboard
Real time clock	opt	opt	opt	opt

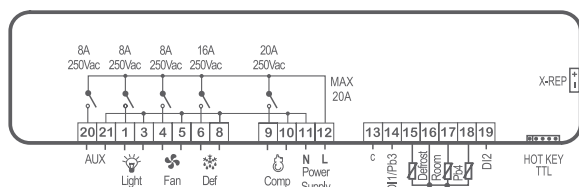
XW60K



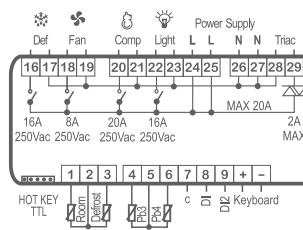
XW70L



XW70LT



XW70K



XW90L | Digital controller for NT and LT with electrical or hot gas defrost function, fans, auxiliary relay and sixth relay configurable

XW90LT | Digital controller for NT and LT with electrical or hot gas defrost function, fans, auxiliary relay and sixth relay configurable, TOUCH interface and red, white or blue display



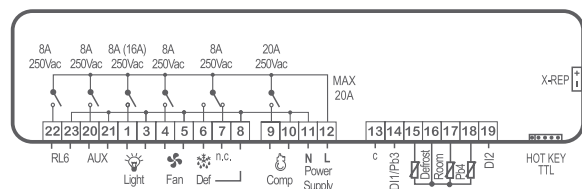
L: 38x185mm



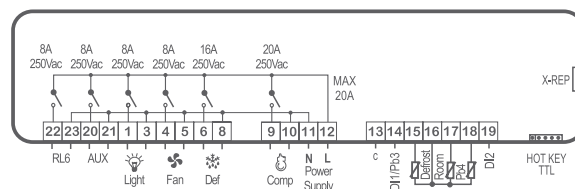
LT: 38x185mm

FEATURES	XW90L	XW90LT
Display: n° digits	± 3 d.p.	± 3 d.p.
Keyboard: push buttons	8	8
Power supply	24, 110, 230Vac	24, 110, 230Vac
Probe inputs		
Thermostat	NTC, PTC	NTC, PTC
Defrost	NTC, PTC	NTC, PTC
Condenser	NTC, PTC	NTC, PTC
Display	NTC, PTC	NTC, PTC
Digital inputs		
Alarm, start defrost, door switch, pressure switch, probe	config	config
DI 2	config	config
Relay outputs		
Compressor	20A	20A
Defrost	8A	16A
Fans	8A	8A
Light	8A, 16A	8A
Alarm, AUX	8A	8A
RL 6 configurable	8A	8A
Other		
Hot Key/Prog Tool Kit output	pres	pres
Remote display output	X-REP opt	X-REP opt
Serial output	TTL	TTL
Triac output		
Buzzer	opt	pres
Real time clock	opt	opt

XW90L



XW90LT





32x74mm



38x185mm



38x185mm



100x64mm

CX620	6 key keyboard (32x74mm) for controllers in K format
TX620	6 key keyboard (horizontal WING) for controllers in K format
T620T	6 key keyboard for controllers in K format with TOUCH interface and red, white and blue display
VX620	6 key keyboard (vertical WING) for controllers in K format
TX820	8 key keyboard (horizontal WING) for controllers in K format
T820T	8 key keyboard for controllers in K format with TOUCH interface and red, white and blue display
VX820	8 key keyboard (vertical WING) for controllers in K format

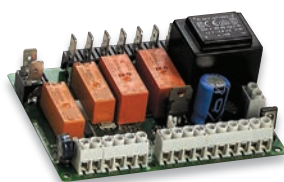
FEATURES	CX620	TX620	T620T	VX620	TX820	T820T	VX820
Display: n° digits	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.	± 3 d.p.
Keyboard: push buttons	6	6	6	6	8	8	8
Power supply	from controller	from controller	from controller	from controller	from controller	from controller	from controller
Slave module	XW20K XW40K XW60K	XW20K XW40K XW60K	XW20K XW40K XW60K	XW20K XW40K XW60K	XW70K	XW70K	XW70K
Buzzer	opt	opt	pres	opt	opt	pres	opt

The keyboards CX, TX and VX are provided with a wide display with integrated icons of real time situation and measurement unit, for clear and continuous monitoring.



The POWER MODULES in K FORMAT are AVAILABLE in 4 DIFFERENT VERSIONS

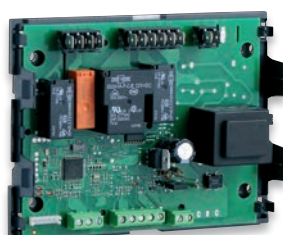
OS: open board



GS: with plastic housing 225x180x84mm



8 DIN Rail base: open board with 8 DIN bottom



8 DIN Rail: with 8 DIN plastic housing



