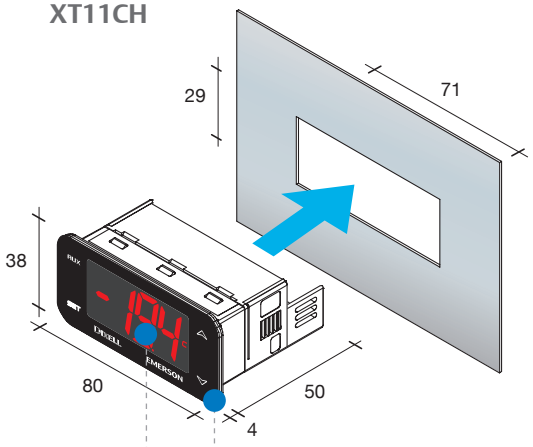
THERMOMÈTRE

THERMOMÈTRES DIGITAUX pour AFFICHAGE DE LA TEMPÉRATURE

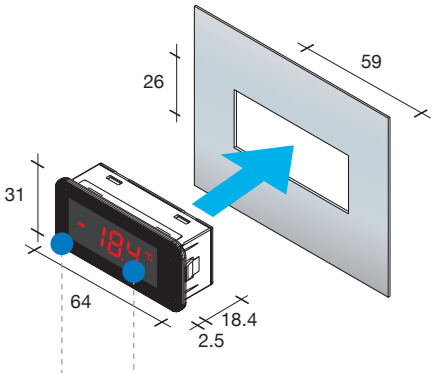
De nouveaux thermomètres digitaux, maintenant disponibles en format CH, viennent élargir la gamme de solutions pour les armoires et les vitrines réfrigérées, en complément des régulateurs XRB, PRIME et WING. Ils présentent une esthétique raffinée et une interface utilisateur complète, disponibles en blanc ou en bleu, sur demande.

- Unité de mesure intégrée à l'afficheur
- Connecteur Hot Key ou Prog Tool Kit pour une programmation rapide et facile (XT11CH)
- Paramétrage du type de sonde NTC ou PTC (XT11CH)
- Enregistrement et affichage des températures minimales et maximales mesurées (XT11SH)
- Réglage des seuils hauts et bas d'alarme température
- Puissance absorbée maximale 3VA
- Alarme température (XT11CH)

XT11CH



XT11SH



THERMOMETER : VISUALISATION TEMPÉRATURE

- Unité de mesure intégrée à l'afficheur
- Connecteur Hot Key ou Kit Prog Tool pour un paramétrage rapide et facile (XA100C et XT11CX)
- Consommation 3VA maxi
- Afficheur avec LED rouges, hauteur 11,5mm (format S) ou 13,2mm (formats C et CX)
- Alarme température (XT11CX)

COMMENT COMMANDER

XT11S

X	T	1	1	S	-	A	B	C	0	N

-17.8 Pour afficheur bleu, contacter Dixell

A	B	C
Alimentation	**Unité de mesure - Chiffre**	**Temporisation affichage**
0 = 12Vac/dc	**0** = °C - Sans point décimal	**0** = Sans temporisation
1 = 24Vac/dc	**1** = °F - Sans point décimal	**1** = 1 min
4 = 110Vac	**2** = °C - Avec point décimal	**2** = 3 min
5 = 230Vac		

XT11CX

X	T	1	1	C	X	-	A	B	C	D	0

-17.8 Pour afficheur bleu, contacter Dixell

A	B	C	D
Alimentation	**Entrées**	**Temporisation affichage**	**Unité de mesure**
4 = 110Vac	**P** = PTC	**0** = Sans temporisation	**C** = °C
5 = 230Vac	**N** = NTC	**1** = 1 min	**F** = °F
		2 = 3 min	

XA100C

X	A	1	0	0	C	-	A	B	0	D	U

-17.8 Pour afficheur bleu, contacter Dixell

A	B	D
Alimentation	**Unité de mesure**	**Entrées**
0 = 12Vac/dc	**C** = °C	**P** = PTC (NTC)
1 = 24Vac/dc	**F** = °F	**T** = PTC (NTC, Pt100, TcJ, TcK, TcS)
4 = 110Vac	**B** = Bar	**A** = 4÷20mA, 0÷1V, 0÷10V
5 = 230Vac	**P** = PSI	**B** = PP07 (-0.5÷7bar)
	H = %RH	**C** = PP30 (0÷30bar)
	N = Sans unité de mesure	**D** = PP11 (-0.5÷11bar)
		H = XH10/20P

THERMOMÈTRES à LEDS

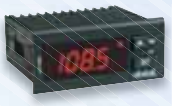
THERMOMETER

XT11S
XT11CX — Thermomètres digitaux avec enregistrement des températures maxi et mini, alimentation directe

XA100C — Afficheur digital configurable

CX: 32x74mm

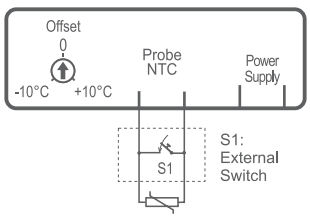
S: 31x64mm



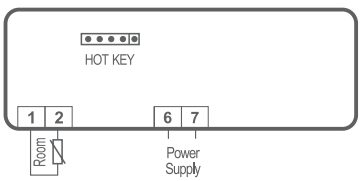
C: 32x74mm

CARACTÉRISTIQUES	XT11S	XT11CX	XA100C
Afficheur : nbre de chiffres	± 3 d.p.	± 3 d.p.	± 3 d.p.
Alimentation	12, 24Vac/dc 110, 230Vac	110, 230Vac	12, 24Vac/dc 110, 230Vac
Gamme de mesure	-40÷50°C -40÷122°F	Dépend de la sonde	Dépend de la sonde
Entrées			
Sonde	NTC incluse	NTC, PTC	NTC, PTC, Pt100 TcJ, TcK, TcS 4÷20mA, 0÷1V, 0÷10V
Autres			
Alarme température		pres	
Sortie Hot Key/Kit Prog Tool		pres	pres
Entrée digitale			pres
Sortie série			TTL
Buzzer			opt
Sortie série	Trimmer arrière	Par le clavier	Par le clavier

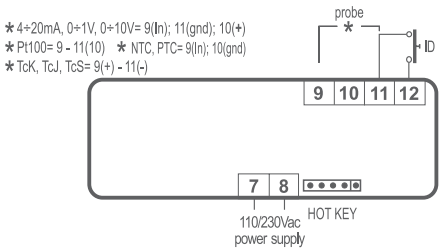
XT11S

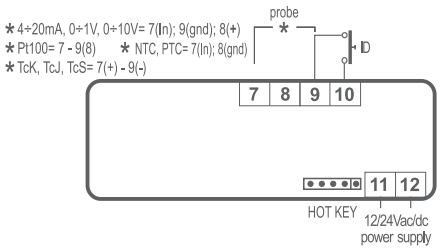


XT11CX



XA100C





XT20CH

SAFETY INFO

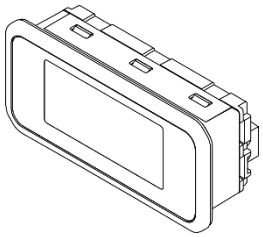
- This manual is part of the product and should be kept near the instrument for easy and quick reference.
- The instrument shall not be used for purposes different from those described hereunder. It cannot be used as a safety device.
- Dixell Srl reserves the right to change the composition of its products, even without notice, ensuring the same and unchanged functionality.
- In case of failure or faulty operation contact the local distributor or "Dixell S.r.l." with a detailed description of the fault.
- The instrument must not be opened.
- Check the application limits and the correct power supply voltage before proceeding.
- Do not expose to water or moisture: use the controller only within the operating limits avoiding sudden temperature changes with high atmospheric humidity to avoid condensation
- Warning: disconnect the power supply and all other electrical connections before any kind of maintenance.
- Observe the maximum current value which can be applied to each relay (see Technical Data).
- Ensure that the wires for probes, loads and the power supply are separated and far enough from each other, without crossing or intertwining.

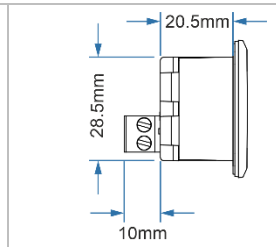
USER INTERFACE

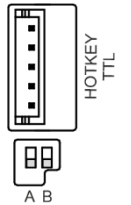
DIP-SWITCH	DESCRIPTION	DIP-SWITCH	DESCRIPTION
A	Decimal or integer selection	B	°C or °F unit of measurement

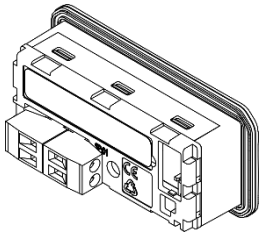
ICON	DESCRIPTION	ICON	DESCRIPTION
CF	Unit of measurement. **C** = Celsius degree; **F** = Fahrenheit degree		An alarm condition is present

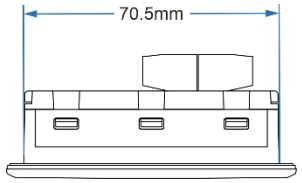
TECHNICAL DATA











Manuals on Dixell website:

CONTACT:
dixell.service@emerson.com

FEATURES	DESCRIPTION	
Housing	Self-extinguishing PC-ABS	
Dimensions	Front 38x80 mm; case depth 20.5mm	
Mounting	Panel mounting, 71x29mm panel cut-out, through steel bracket	
Degree of Protection	**NEMA (UL 50e)**	Indoor use, Open Type
Power Supply	24Vdc ±10%	
Rated Power	1.0 W	
Display	Red, White or Blue LED type display, 3 digits with decimal point and multi-function icons	
Software Class	A	
Terminal blocks / Terminal Connections	Plug-in terminal block, wire section between 0,5 and 2,5 mm2 Max tightening force: 0.4 N/m for 5,0mm pitch	
Pollution Degree	2, non-condensing humidity	
Ambient Operating Temperature and Humidity	**IEC/EN**	0T50°C; 20-85 rH% (non-condensing humidity)
Shipping and storage temperature	-40T85°C; 20-85 rH% (non-condensing humidity)	
Resistance to Heat	UL 94 V-0	
Measurement range	**NTC:** -40T110°C, resolution 0.1° or 1°C (selectable); **PT1000:** -100T150°C, resolution 0.1°C or 1°C (selectable); **PTC:** -50T150°C, resolution 0.1°C or 1°C (selectable)	
Accuracy	±0.7°C ±1 digit and relative to the full scale	
Inputs	1 NTC, PTC or PT1000 (configurable)	
I/O port	HOT-KEY: MAX voltage allowed is 5 VDC. DO NOT CONNECT ANY EXTERNAL POWER SUPPLY.	
Serial Outputs	TTL standard available on 5-pin port (HOT-KEY connector); Maximum cable length = 2m	
Purpose of control	Measurement device	
Construction of control	Incorporated control, intended to be used in Class I equipment	
Approvals	CE	

LUMITY EMERSON
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