

MERLIN NX

COMPACT VAV CONTROLLER CLMEVA423B24N

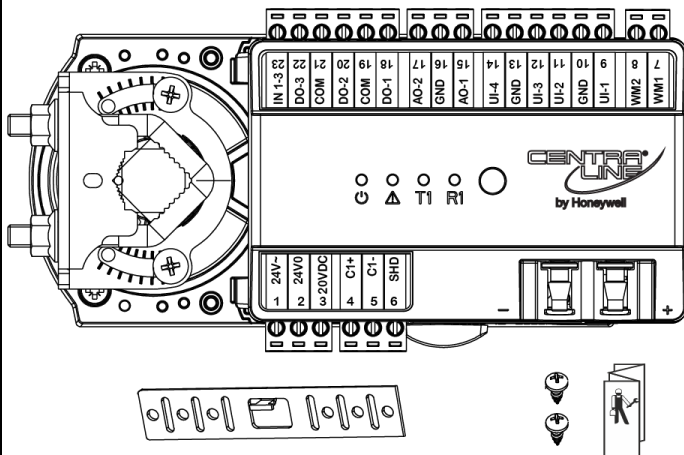
MOUNTING INSTRUCTIONS



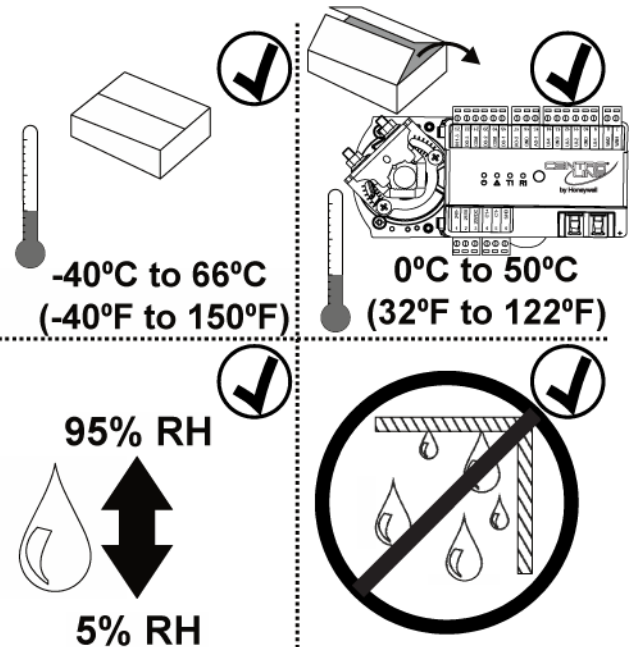
E	Keep these instructions together with the device or with the equipment documentation!	F	Cette instruction est à conserver avec le contrôleur ou avec la documentation de l'installation !	P	Guarde estas instruções junto do regulador ou junto da documentação da instalação!
D	Diese Anleitung ist beim Gerät oder in der Anlagendokumentation aufzubewahren!	I	Queste istruzioni devono essere conservate insieme al lettore o con la documentazione dell'impianto!	S	Denna instruktion skall förvaras tillsammans med regler eller anläggningsdokumentationen!
DK	Opbevar denne vejledning sammen med regler eller med anlægssdokumentationen!	N	Denne vejledningen skal opbevares sammen med regler eller anlæggsdokumentationen!	FI	Tätä ohjetta tulee säilyttää laitteen läheisyydessä tai yhdessä muiden dokumenttien kanssa!
ES	Conserve estas instrucciones con el recalar o con la documentación de la instalación.	NL	Deze handleiding moet bij de regelaar, of met de documentatie van de installatie worden bewaard!	PL	Instrukcję obsługi należy przechowywać przy urządzeniu albo w dokumentacji technicznej.

1. CONTENTS OF SHIPMENT

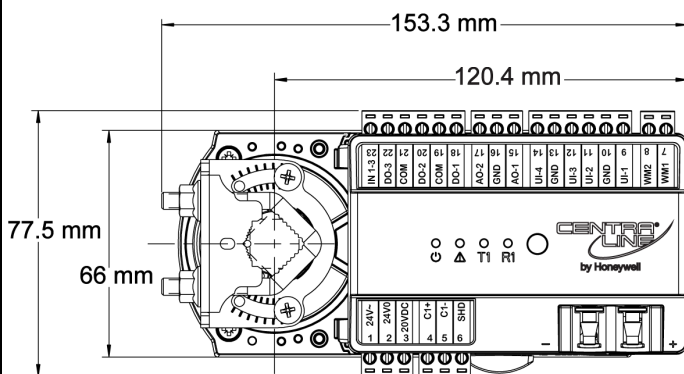
- Controller: 1 Qty
- Anti-rotate Bracket: 1 Qty
- Screws for fixing Anti-rotate bracket: 2 Qty
- Mounting Instructions: 1 Qty (MERLIN NX COMPACT VAV CONTROLLER CLMEVA423B24N - MOUNTING INSTRUCTIONS 31-00331M-01 (MU1Z-1061GE51))



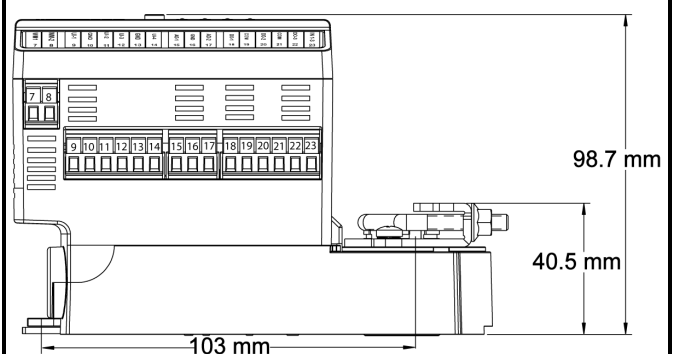
2. STORAGE AND OPERATION



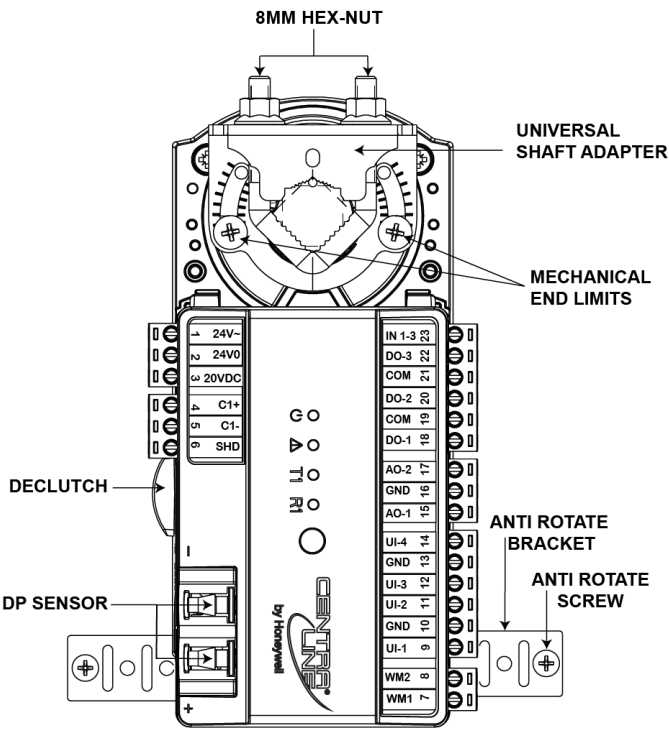
3. DIMENSIONS



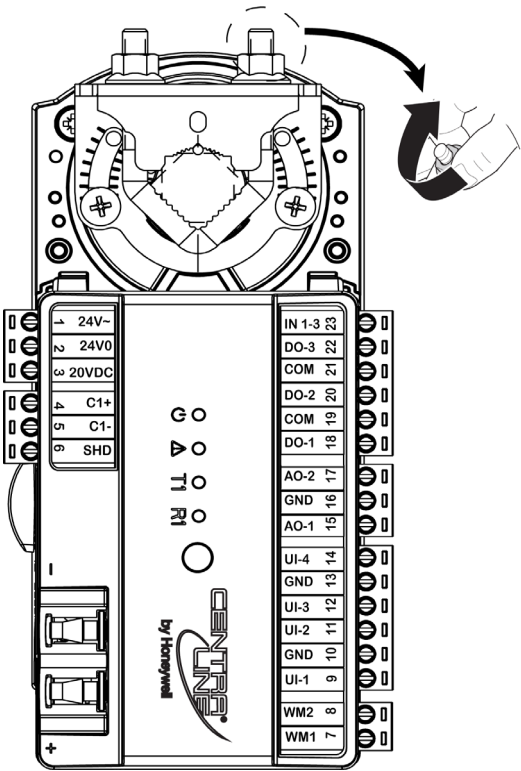
3A. DIMENSIONS



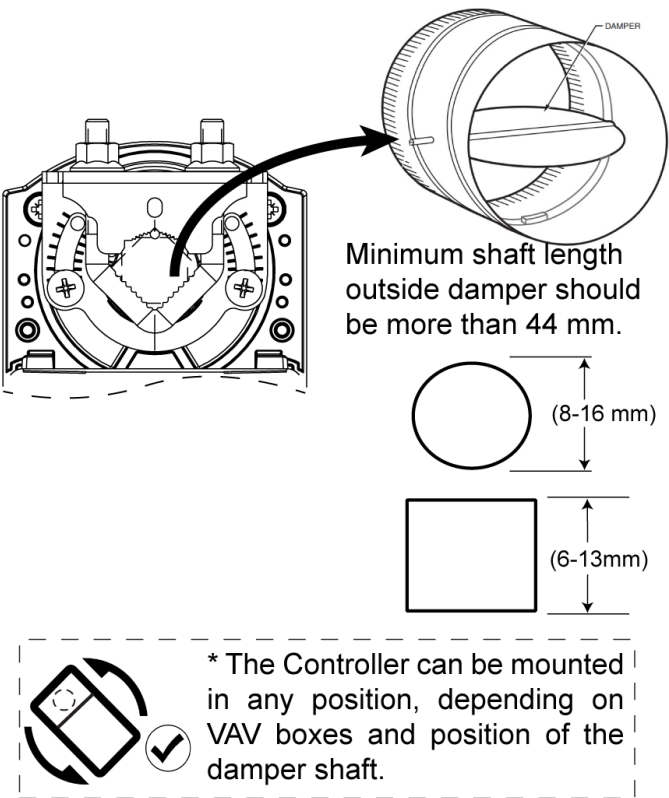
4. PART NAMES



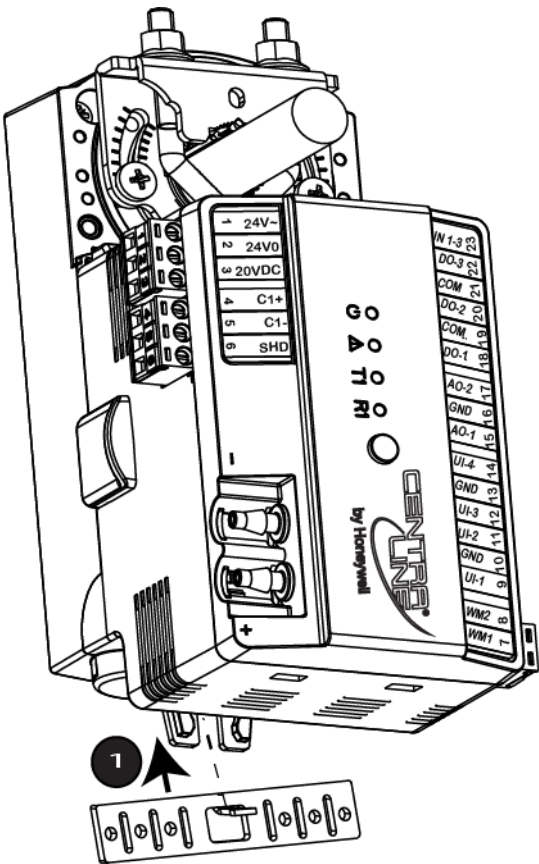
5. MOUNTING



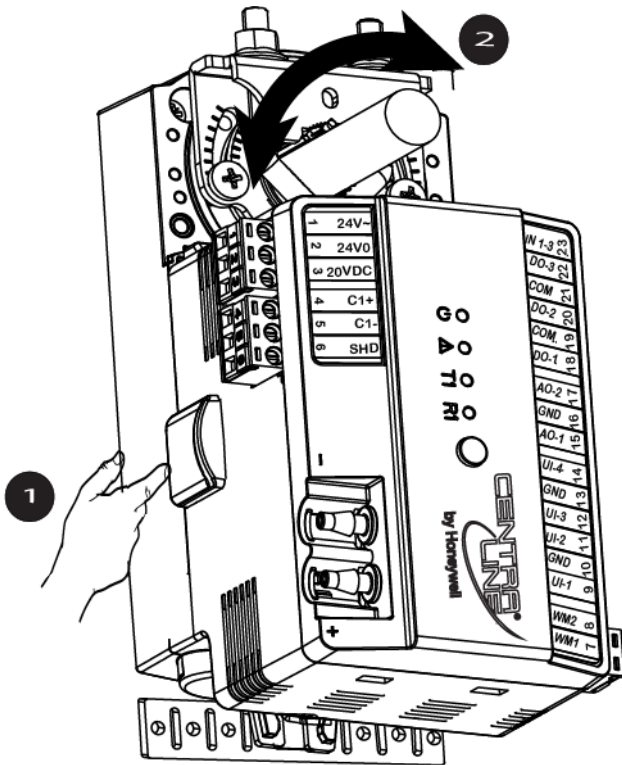
5A. MOUNTING



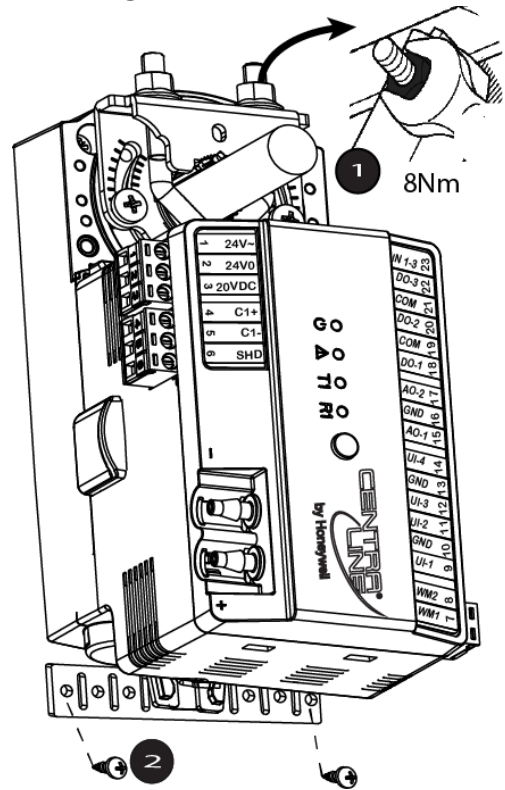
6. ATTACH ANTI-ROTATE BRACKET



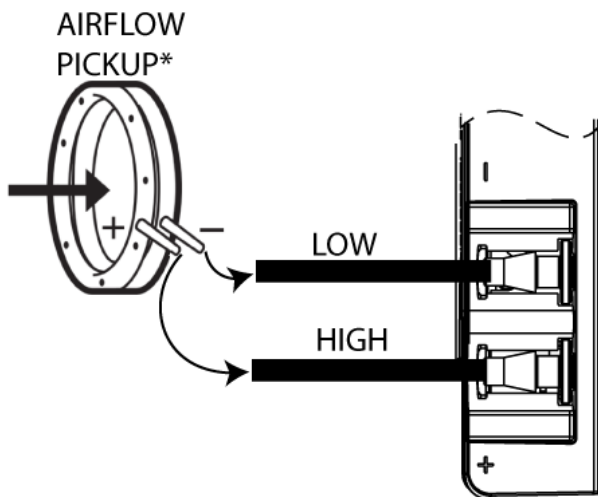
7. ADJUST SHAFT ADAPTER



8. FASTEN THE CONTROLLER ON DAMPER SHAFT



9. PIPING



*Maximum pressure: ± 2.0 " H₂O (± 500 Pa)



Blowing and sucking air through mouth into the pressure tubes will damage the pressure sensor.

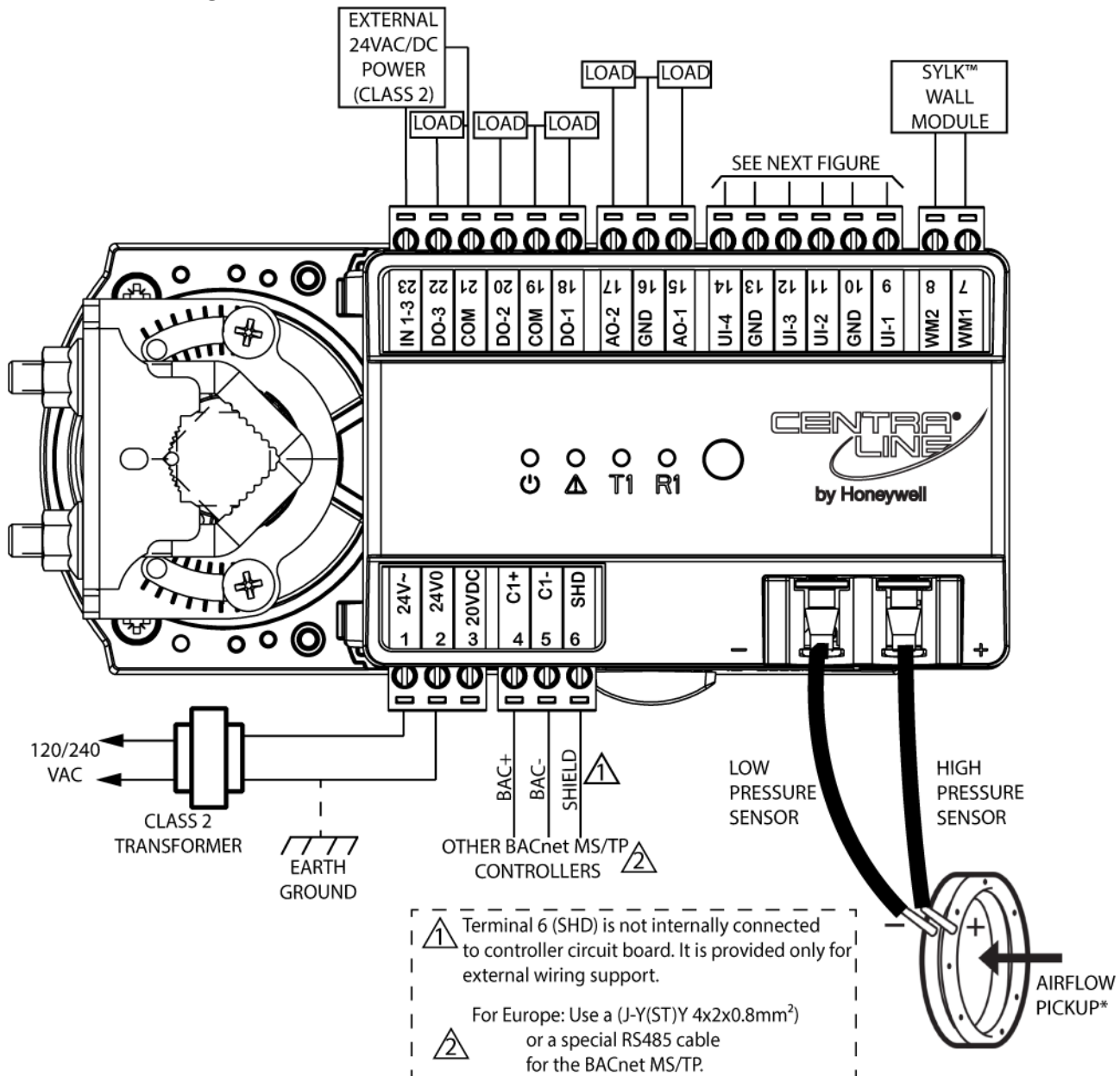
10. SEE ALSO



COMPACT VAV CONTROLLER CLMEVA423B24N

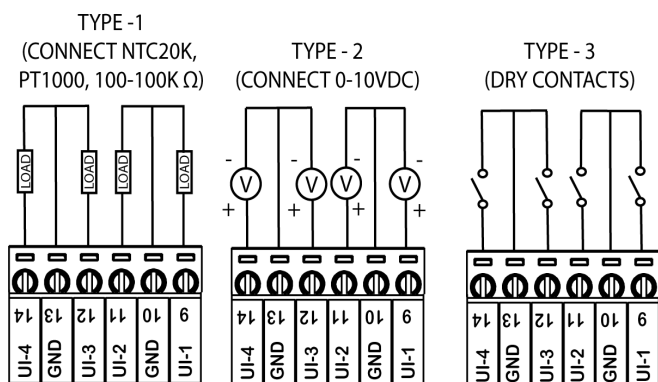
- PRODUCT DATA: 31-00330M (EN0Z-1061GE51)
- INSTALLATION INSTRUCTIONS:
31-00332 (EN1Z-1061GE51)

11. WIRING

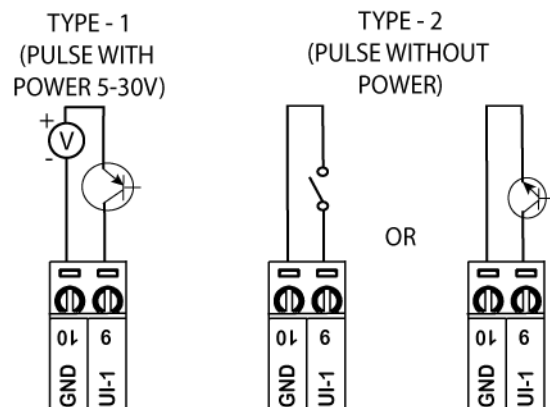


Use wiring up to 18 AWG (0.8mm²) with a minimum of 22 AWG (0.3mm²)

12. WIRING (UI)



13. PULSE METER (UI-1 ONLY)



SPECIFICATIONS OF THE CONTROLLER

Power supply	20-30 VAC, 50/60Hz, Class 2 transformer	
Power consumption	Controller and Actuator Load (nothing connected to IOs)	9 VA maximum
	Maximum load including external loads	100 VA maximum
Ambient Temperature	0 °C to 50 °C (32 °F to 122 °F)	
Storage Temperature	-40 °C to 66 °C (-40 °F to 150 °F)	
Humidity	5-95% R.H. non-condensing	
Dimension	See pictures 3 and 3A	
Degree of Protection	IP20	

NOTE

The Actuator, COVA must be used in combination with the controller CLMEV423B24N. See "Product Data 31-00330M (EN0Z-1061GE51)" for individual part model numbers.

WARNING

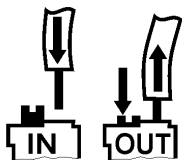
- Do not install to, and/or cover a junction box having class 1, 3 or power and lighting circuits.
- Do not reclassify and install as Class 1, 3 or power and lighting wiring.



CAUTION

To reduce the risk of fire or electric shock do not interconnect the outputs of different Class 2 circuits.

WIRING PUSH-IN TERMINAL PLUGS



use **Cu** only

RELAY SPECIFICATIONS



CAUTION

RISK OF ELECTRICAL SHOCK OR EQUIPMENT DAMAGES! It is not permitted to combine low voltage and line voltage in the relay block.

WEEE DIRECTIVE

WEEE: Waste Electrical and Electronic Equipment Directive	
	- At the end of the product life, dispose of the packaging and product in an appropriate recycling center. - Do not dispose of the device with the usual domestic refuse. - Do not burn the device.

STANDARDS, APPROVALS, ETC.

PURPOSE OF CONTROL: Operating control and multifunctional non-safety control intended for HVAC in home (residential, commercial, and light-industrial) environments

- UL 916 Certified
- CE-approved
- FCC part 15B-compliant
- IC (Industrial Canada)
- CB Certificate
- RoHS conformity
- BTL-Listed, BACnet B-AAC profile

SHOCK PROTECTION: Class II.

POLLUTION DEGREE: 2.

RATED IMPULSE VOLTAGE: 500V

TYPE OF ACTION: Type 1

SOFTWARE CLASS: A

NOTE: Keep AC mains supply/load cables separate from signal wiring!

Manufactured for and on behalf of the Connected Building Division of Honeywell Products and Solutions SARL, Z.A. La Pièce, 16, 1180 Rolle, Switzerland by its Authorized Representative:

Centraline
Honeywell GmbH
Böblinger Strasse 17
71101 Schönaich, Germany
Phone +49 (0) 7031 637 01
www.centraline.com

Subject to change without notice
31-00331M-01 | Rev.E 02-21
MU1Z-1061GE51 R0221

CENTRA[®]
LINE
by Honeywell