

NOTES:

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2. To access the Main NGC termination board, remove the Rear End Cap of the unit (a 1/16th Hex Set Screw must be loosened to remove the Cap).

Carrier and Sample Gas Regulators
 NOTE:
 DO NOT connect a low pressure switch directly to the NGC. A barrier must be installed for this.
 SEE SHEET 2 for Options

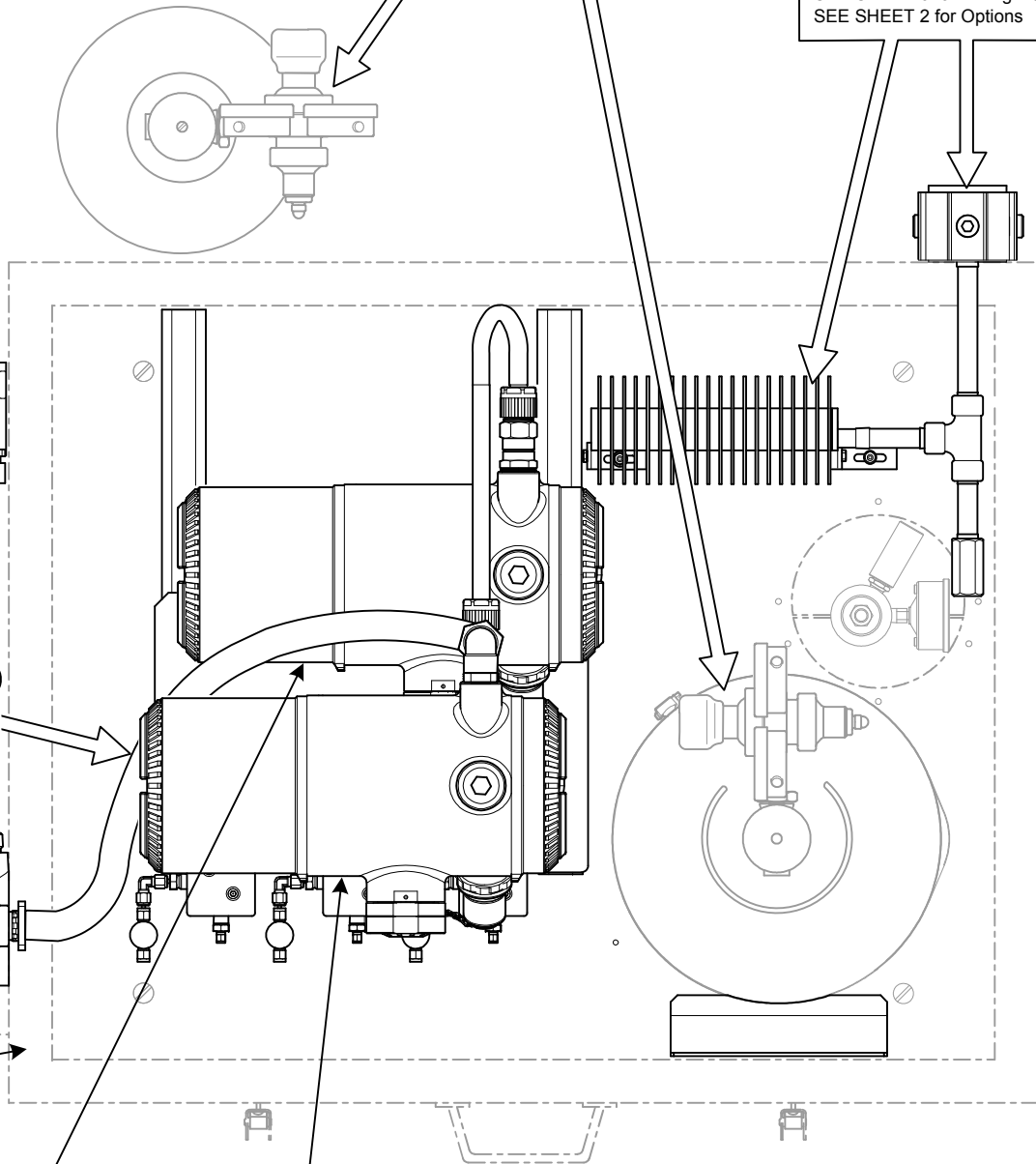
Heater
 120V AC, 400 WATT, Class 1, Div 1
 Totalflow P/N 1800698-001
 Or
 230V AC, 400 WATT, ATEX, Class 1, Zone 1
 Totalflow P/N 1801628-001
 SEE SHEET 6 for Wiring Interconnect
 SEE SHEET 2 for Options

DC POWER & COMM
 Totalflow P/N 2102296-001
 SEE SHEET 3 for RS-232
 SEE SHEET 4 for RS-485
 SEE SHEET 5 for RS-422

NGC8200 Cold Weather Enclosure
 Totalflow P/N 2102298

Auxiliary Unit

Main Unit



WIRING INTERCONNECT FEATURES

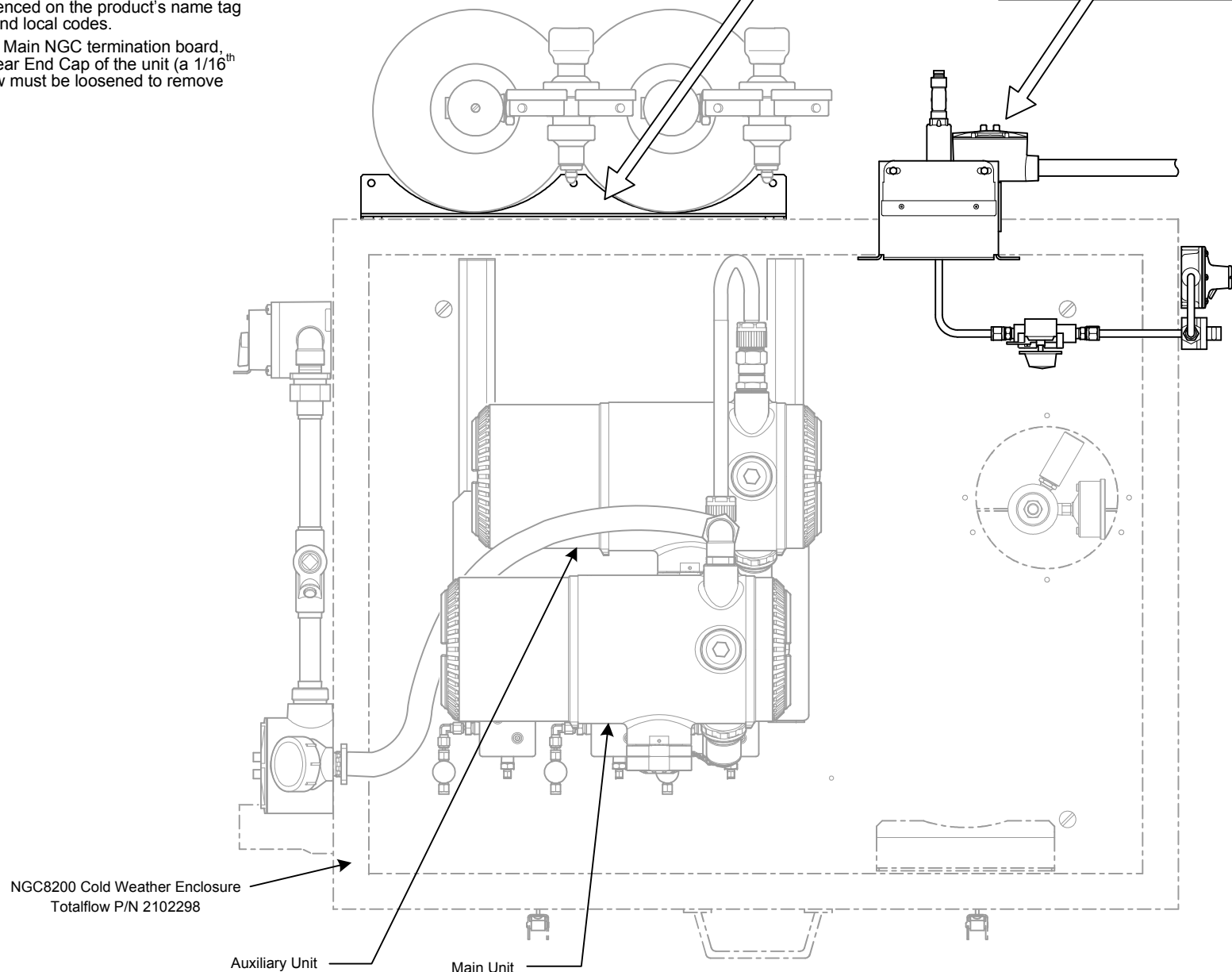
ABB	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L19649	UD	NGC DUAL8200 COLD WEATHER ENCLOSURE WIRING INTERCONNECTS	2103090	AA	1 OF 7

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Bottle Rack Option
 Totalflow P/N 2101076-001
 NOTE: With any Carrier and Sample Gas Regulators, DO NOT connect a low pressure switch directly to the NGC. A barrier must be installed to use those.

Catalytic Heater Option
 Totalflow P/N 1800582-001
 1500 BTU/HR, 12V DC, Bruest # 6-6
 SEE SHEET 7 for Wiring Interconnect

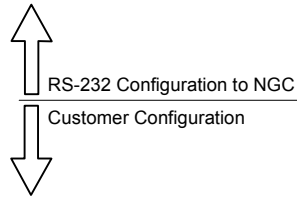
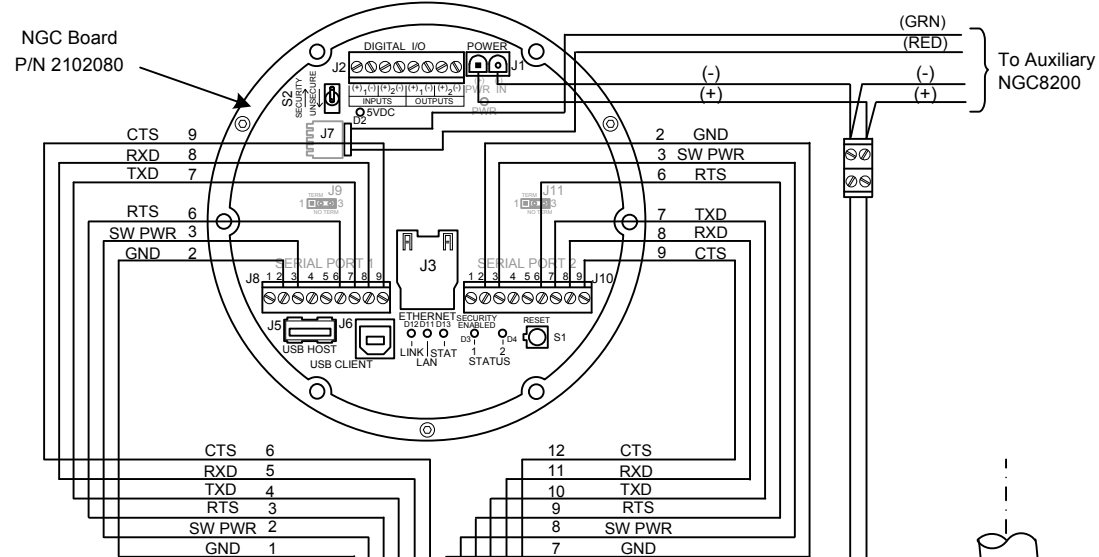


WIRING INTERCONNECTS OPTIONS

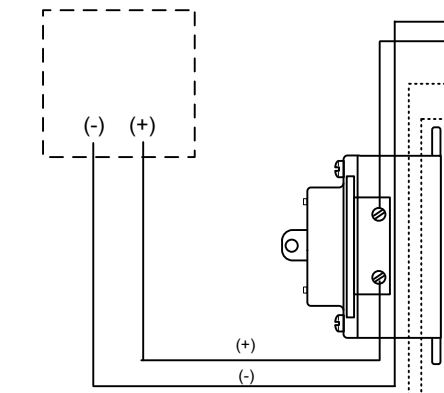
ABB	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L19649	UD	NGC DUAL8200 COLD WEATHER ENCLOSURE WIRING INTERCONNECTS	2103090	AA	2 OF 7

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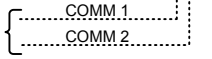
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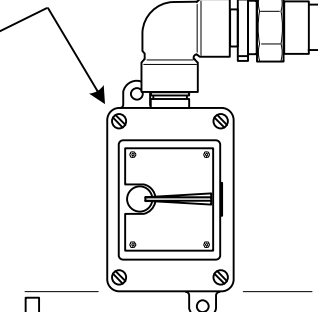
12-15V DC Power Supply



To Customer Communications Device



Switch



Customer Supplied Conduit

Terminal Box Enclosure 2102261-001 Bd

DC Power & Communications Option
Totalflow P/N 2102296-001
(Wiring shown outside of conduit for clarity)

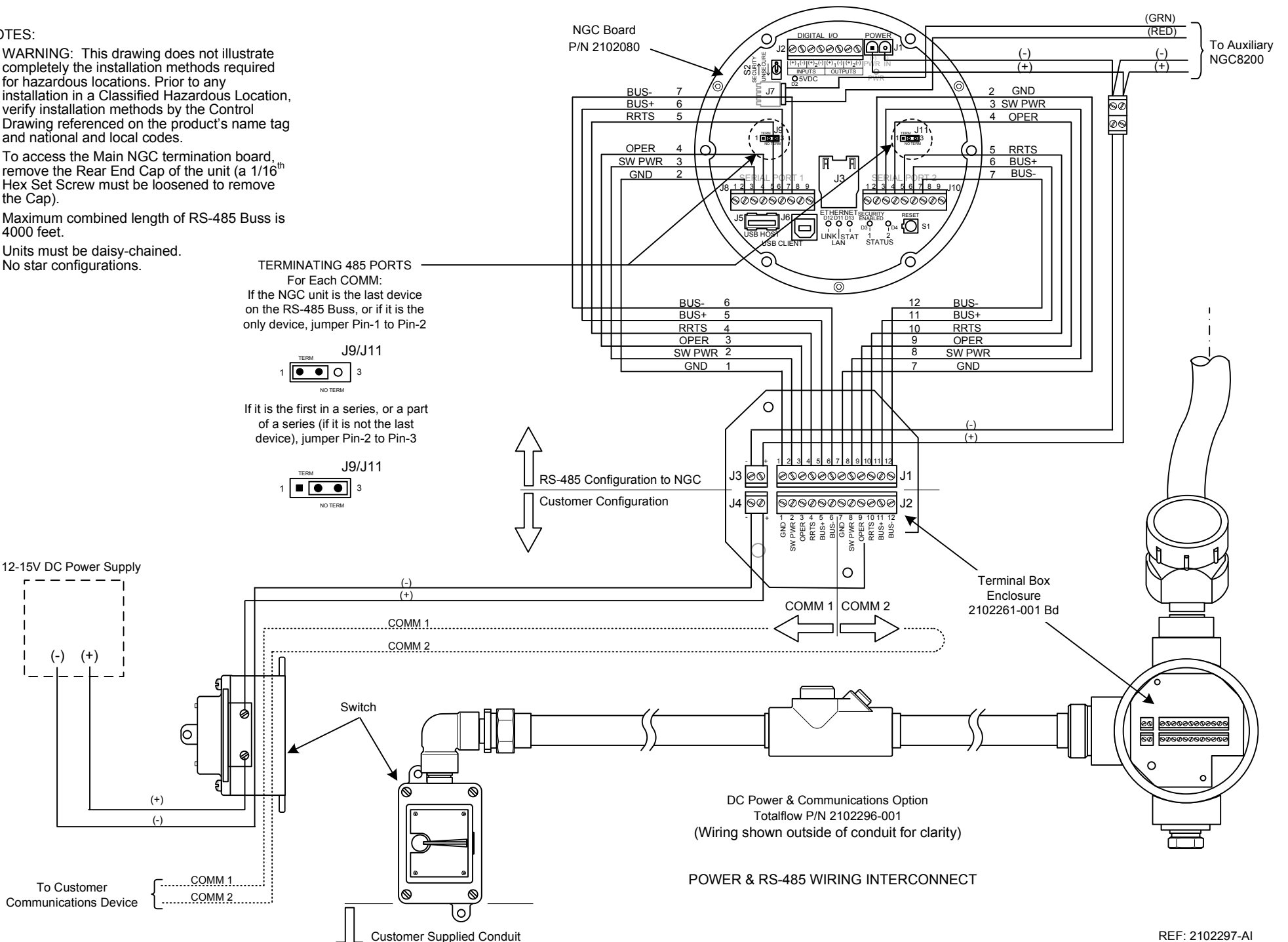
POWER & RS-232 WIRING INTERCONNECT

REF: 2102297-AI

	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L19649	UD	NGC DUAL8200 COLD WEATHER ENCLOSURE WIRING INTERCONNECTS	2103090	AA	3 OF 7

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2. To access the Main NGC termination board, remove the Rear End Cap of the unit (a 1/16th Hex Set Screw must be loosened to remove the Cap).
3. Maximum combined length of RS-485 Buss is 4000 feet.
4. Units must be daisy-chained. No star configurations.

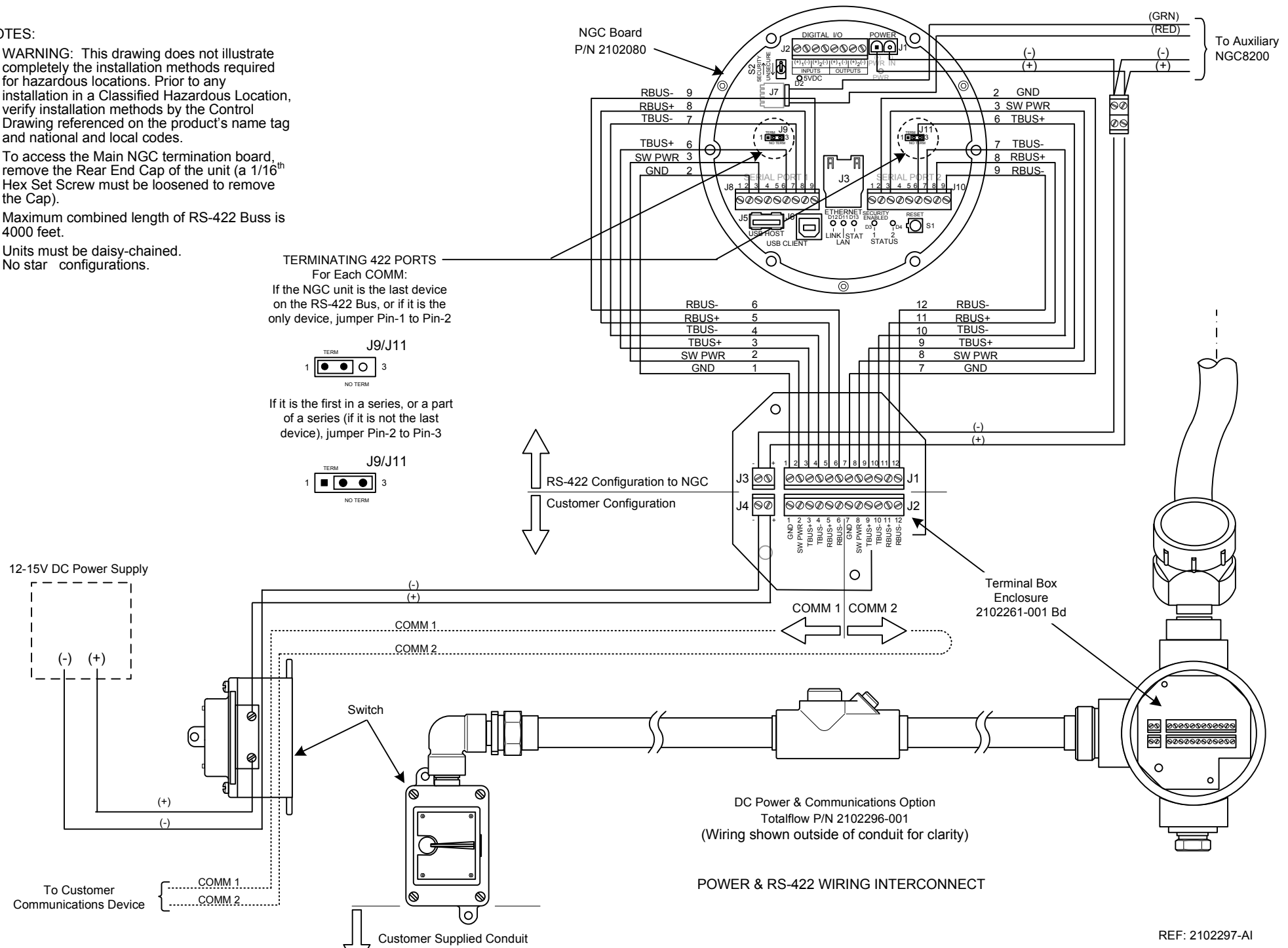


REF: 2102297-AI

ABB	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		L19649	UD	NGC DUAL8200 COLD WEATHER ENCLOSURE WIRING INTERCONNECTS	2103090	AA	4 OF 7

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3. Maximum combined length of RS-422 Buss is 4000 feet.
4. Units must be daisy-chained. No star configurations.

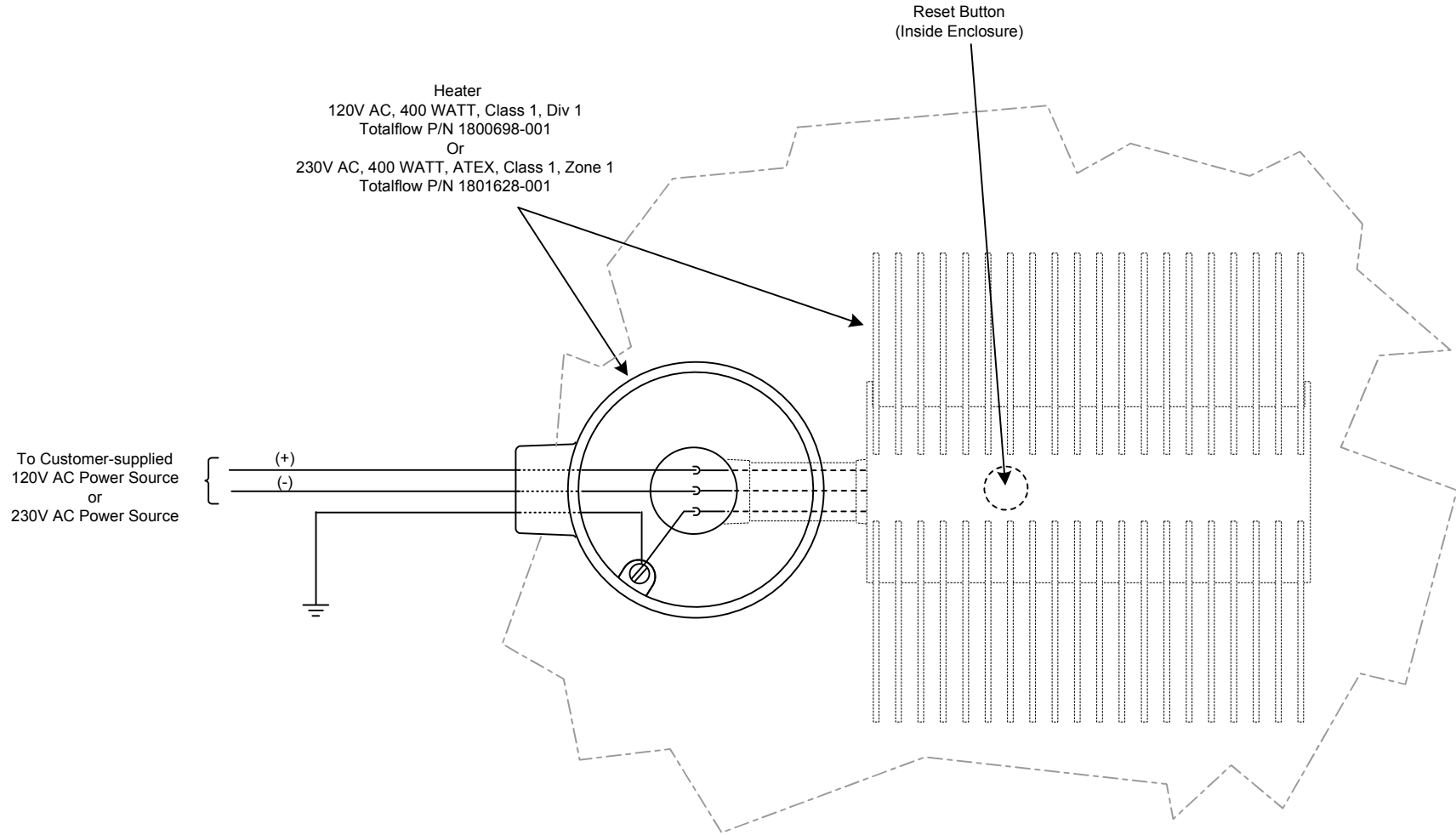


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2. To access wiring remove the End Cap of the explosion-proof unit

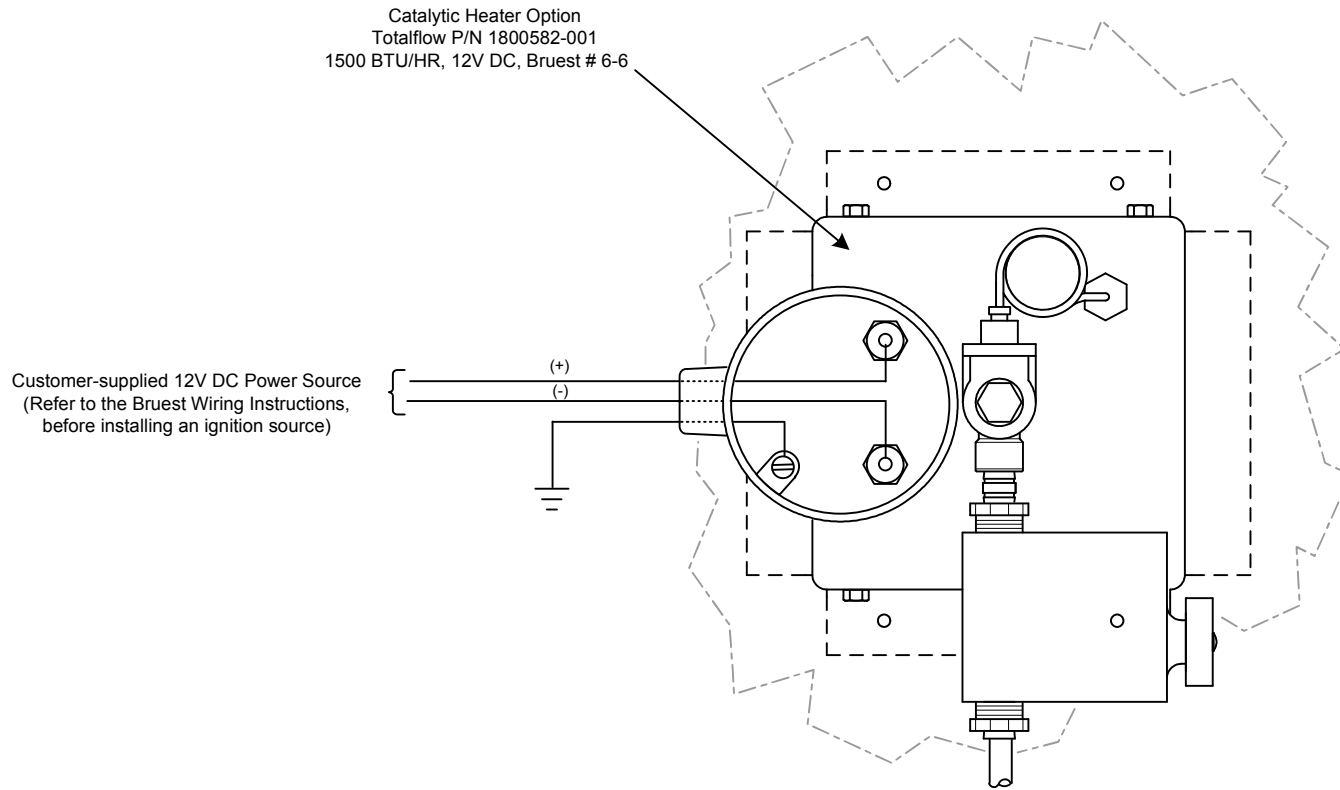


120VAC/230VAC HEATER

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CATALYTIC HEATER OPTION

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19649	UD	NGC DUAL8200 COLD WEATHER ENCLOSURE WIRING INTERCONNECTS	2103090	AA	7 OF 7