



PYROBOX3
PYROBOX3C
PYROBOX5
Wiring options



PYROBOX series - Wiring options

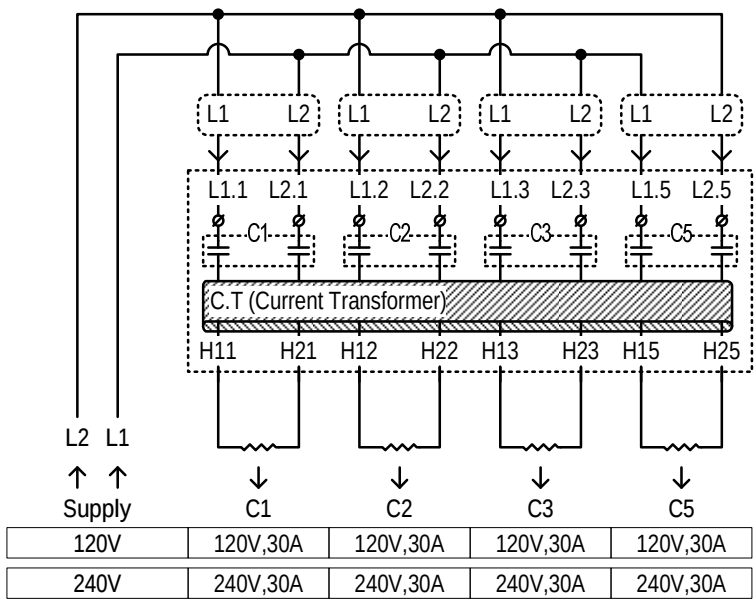
	SUPPLY	LOADS	Notes	Drawing	Page
PYROBOX3	1Px120V	120V,4x30A		1	3
	1Px240V	240V,4x30A			
PYROBOX3C	3Px208V	208V,2x28.8A + 208V,30A	Option 1: 1 heater per contactors C1, C2 and C5	2	4
	3Px400V	400V,2x28.8A			
	3Px415V	415V,2x28.8A			
	3Px480V	480V,2x28.8A			
	3Px600V	600V,2x28.8A			
	3Px208V	208V,6x28.8A	Option 2: 3 heaters per contactors C1-C2 (triangle) 1 heater per contactor C5	3	
	3Px400V	400V,6x28.8A			
	3Px415V	415V,6x28.8A			
	3Px480V	480V,6x28.8A			
	3Px600V	600V,6x28.8A			
	3Px208V + N	208V,2x28.8A + 120V,30A	Option 1: 1 heater per contactors C1, C2 and C5 (Neutral connected to C5)	4	5
	3Px400V + N	400V,2x28.8A + 230V,30A			
	3Px415V + N	415V,2x28.8A + 240V,30A			
	3Px480V + N	480V,2x28.8A + 277V,30A			
	3Px600V + N	600V,2x28.8A			
	3Px208V	208V,6x28.8A + 120V,30A	Option 2: 3 heaters per contactors C1-C2 (triangle) 1 heater per contactor C5	5	
	3Px400V	400V,6x28.8A + 230V,30A			
	3Px415V	415V,6x28.8A + 240V,30A			
	3Px480V	480V,6x28.8A + 277V,30A			
	3Px600V	600V,6x28.8A			
	3Px208V + N	120V,2x28.8A + 120V,30A	Option 3: 1 heater per contactors C1, C2 and C5 (Neutral connected to all contactors)	6	6
	3Px400V + N	230V,2x28.8A + 230V,30A			
	3Px415V + N	240V,2x28.8A + 240V,30A			
	3Px480V + N	277V,2x28.8A + 277V,30A			
	3Px600V + N	400V,2x28.8A			
PYROBOX5	3Px208V	208V,4x28.8A + 208V,30A	Option 1: 1 heater per contactors C1-C5	7	7
	3Px400V	400V,4x28.8A			
	3Px415V	415V,4x28.8A			
	3Px480V	480V,4x28.8A			
	3Px600V	600V,4x28.8A			
	3Px208V	208V,12x28.8A + 208V,30A	Option 2: 3 heaters per contactors C1-C4 (triangle) 1 heater per contactor C5	8	
	3Px400V	400V,12x28.8A			
	3Px415V	415V,12x28.8A			
	3Px480V	480V,12x28.8A			
	3Px600V	600V,12x28.8A			
	3Px208V + N	208V,4x28.8A + 120V,30A	Option 1: 1 heater per contactors C1-C5	9	8
	3Px400V + N	400V,4x28.8A + 230V,30A			
	3Px415V + N	415V,4x28.8A + 240V,30A			
	3Px480V + N	480V,4x28.8A + 277V,30A			
	3Px600V + N	600V,4x28.8A			
	3Px208V + N	208V,12x28.8A + 120V,30A	Option 2: 3 heaters per contactors C1-C4 (triangle) 1 heater per contactor C5	10	
	3Px400V + N	400V,12x28.8A + 230V,30A			
	3Px415V + N	415V,12x28.8A + 240V,30A			
	3Px480V + N	480V,12x28.8A + 277V,30A			
	3Px600V + N	600V,12x28.8A			
	3Px208V + N	120V,4x28.8A + 120V,30A	Option 3: 1 heater per contactors C1-C5 (Neutral connected to all contactors)	11	9
	3Px400V + N	230V,4x28.8A + 230V,30A			
	3Px415V + N	240V,4x28.8A + 240V,30A			
	3Px480V + N	277V,4x28.8A + 277V,30A			
	3Px600V + N	400V,4x28.8A			

PYROBOX3/3C/5

Wiring options

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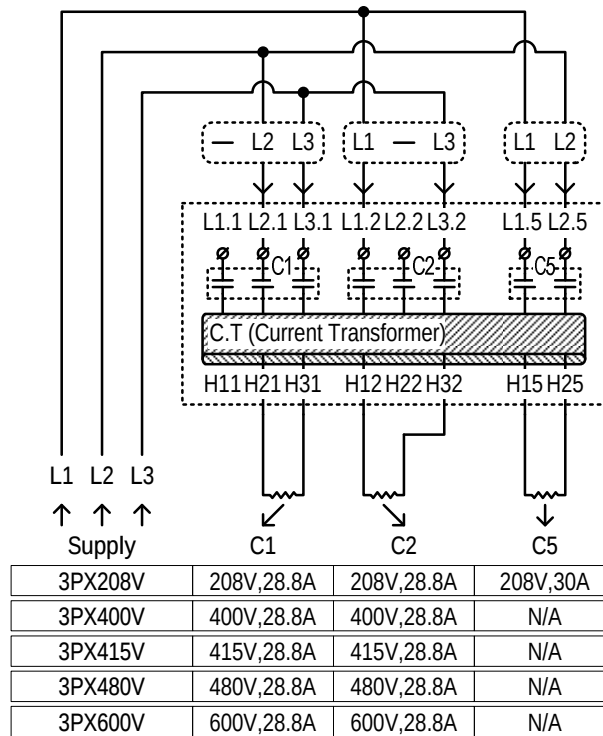




PYROBOX3C

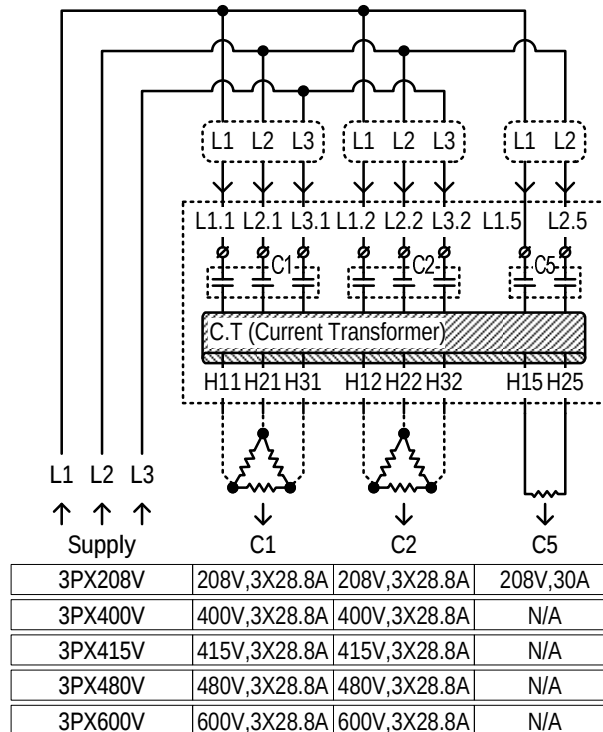
Option 1: 1 heater per contactors C1, C2 and C5

2



Option 2: 3 heaters per contactors C1 and C2 (triangle transform) and 1 heater per contactor C5

3



Note: Contactors 1 and 2 can be connected to any combination of 1 or 3 (triangle transform) heaters.

Example: Contactor C1 can be connected to 3 heaters (triangle transform) and contactor C2 can be connected to 1 heater.

PYROBOX3/3C/5

Wiring options

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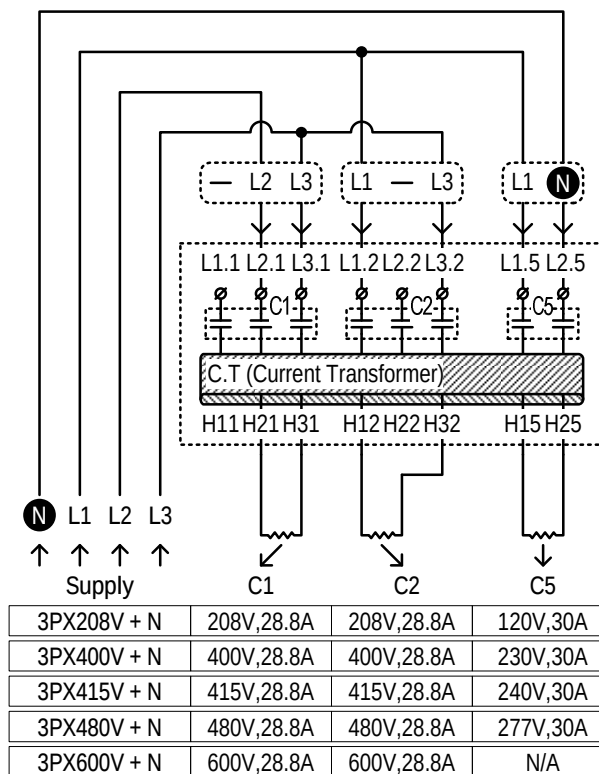
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PYROBOX3C – SUPPLY 3P with Neutral connected to C5

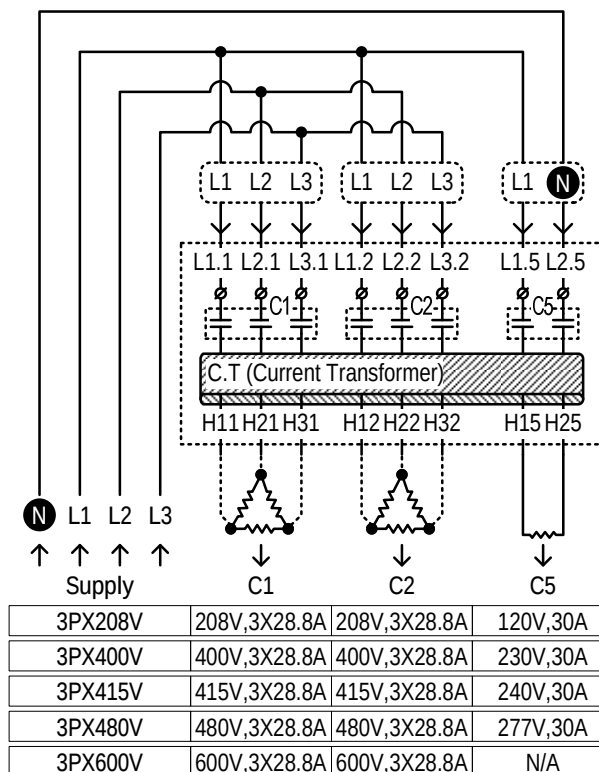
Option 1: 1 heater per contactors C1, C2 and C5 (Neutral connected to C5)

4



Option 2: 3 heaters per contactors C1 and C2 (triangle transform) and 1 heater per contactor C5

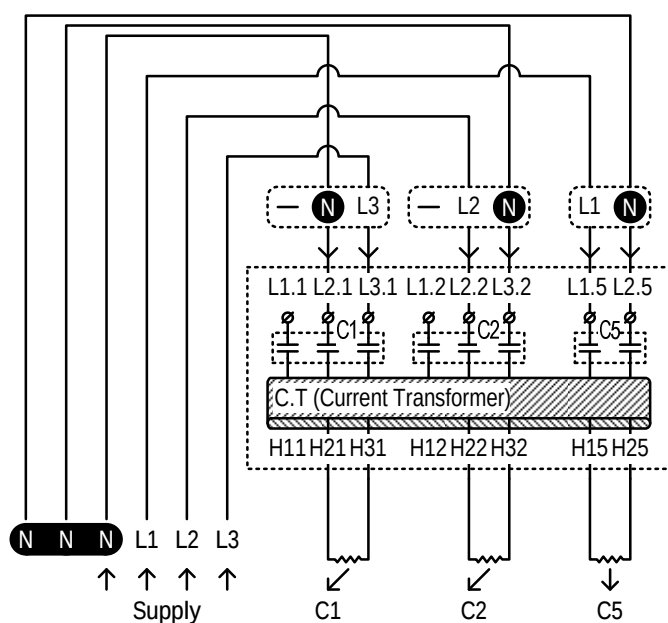
5



Note: Contactors 1 and 2 can be connected to any combination of 1 or 3 (triangle transform) heaters with and without Neutral.
Example: Contactor C1 connected to 3 heaters (triangle transform) and contactor C2 connected to 1 heater.

Option 3: 1 heater per contactors C1, C2 and C5 (Neutral connected to C1, C2 and C5)

6



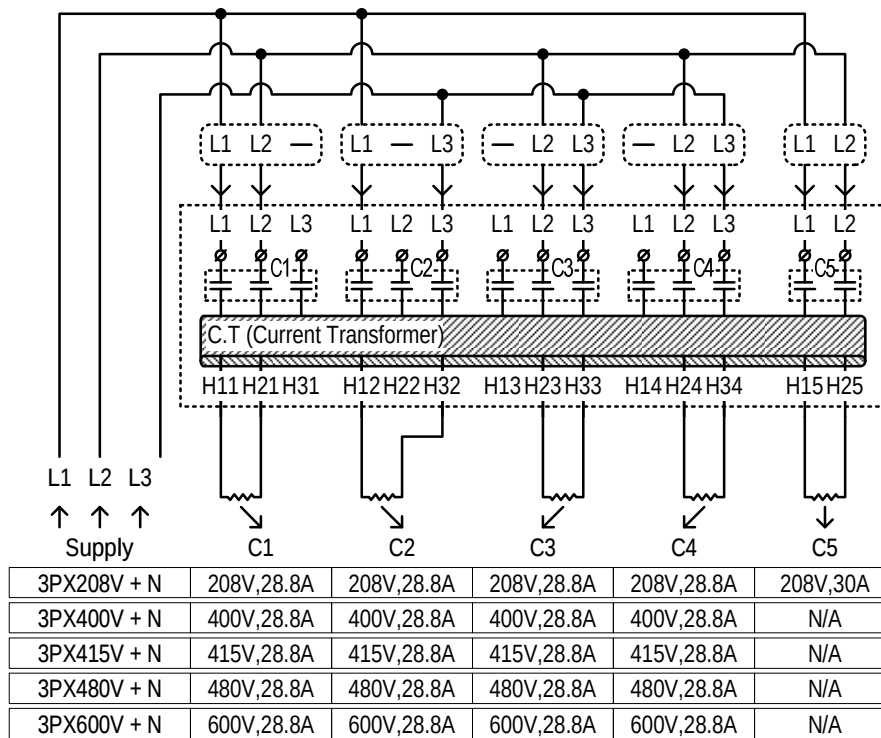
3PX208V + N	120V,28.8A	120V,28.8A	120V,30A
3PX400V + N	230V,28.8A	230V,28.8A	230V,30A
3PX415V + N	240V,28.8A	240V,28.8A	240V,30A
3PX480V + N	277V,28.8A	277V,28.8A	277V,30A
3PX600V + N	347V,28.8A	347V,28.8A	N/A

Note: Contactors 1 and 2 can be connected to any combination of 1 or 3 (triangle transform) heaters with and without Neutral.
Example: Contactor C1 connected to 3 heaters (triangle transform) and contactor C2 connected to 1 heater.

PYROBOX5 – SUPPLY 3P without Neutral

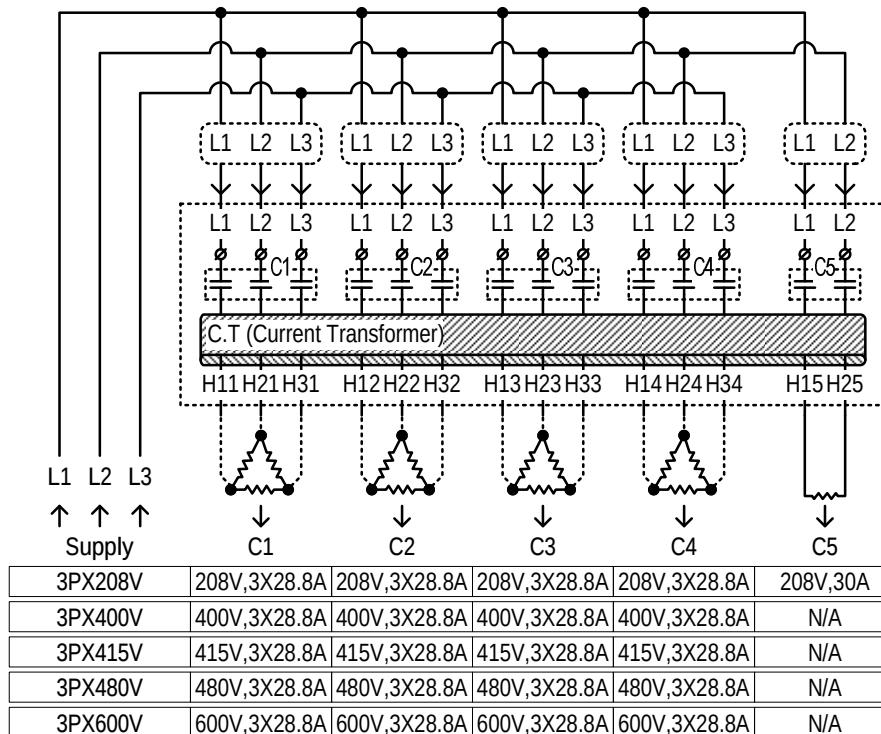
Option 1: 1 heater per contactors C1, C2, C3, C4 and C5

7



Option 2: 3 heaters per contactors C1, C2, C3 and C4 (triangle transform) and 1 heater per contactor C5

8



Note: Contactors 1 and 2 can be connected to any combination of 1 or 3 (triangle transform) heaters.

Example: Contactor C1 can be connected to 3 heaters (triangle transform) and contactor C2 can be connected to 1 heater.

PYROBOX3/3C/5

Wiring options

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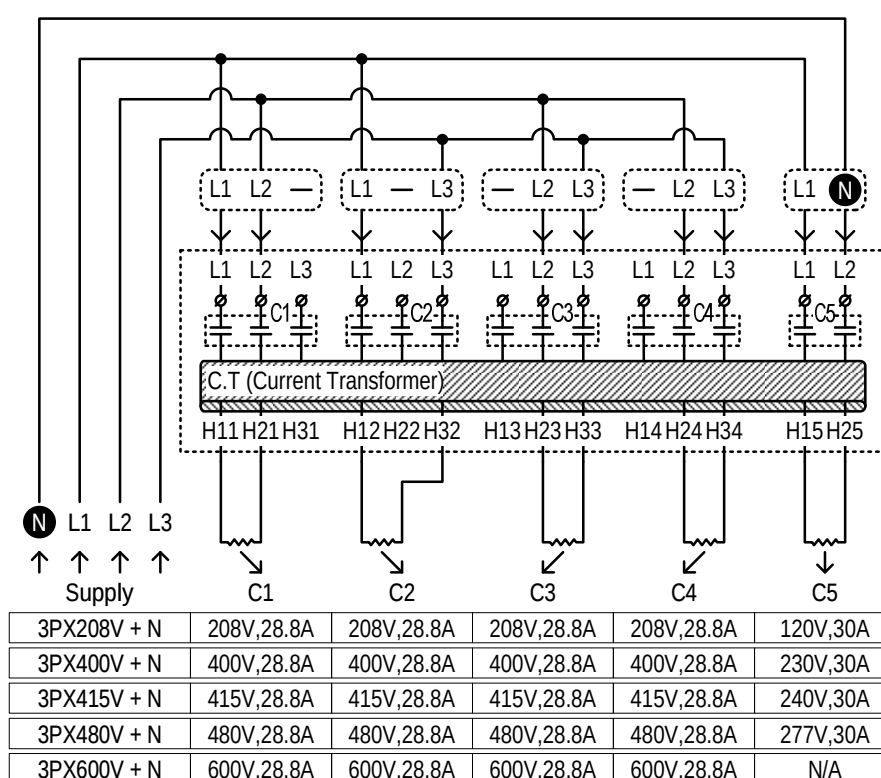
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PYROBOX5 – SUPPLY 3P with Neutral connected to C5

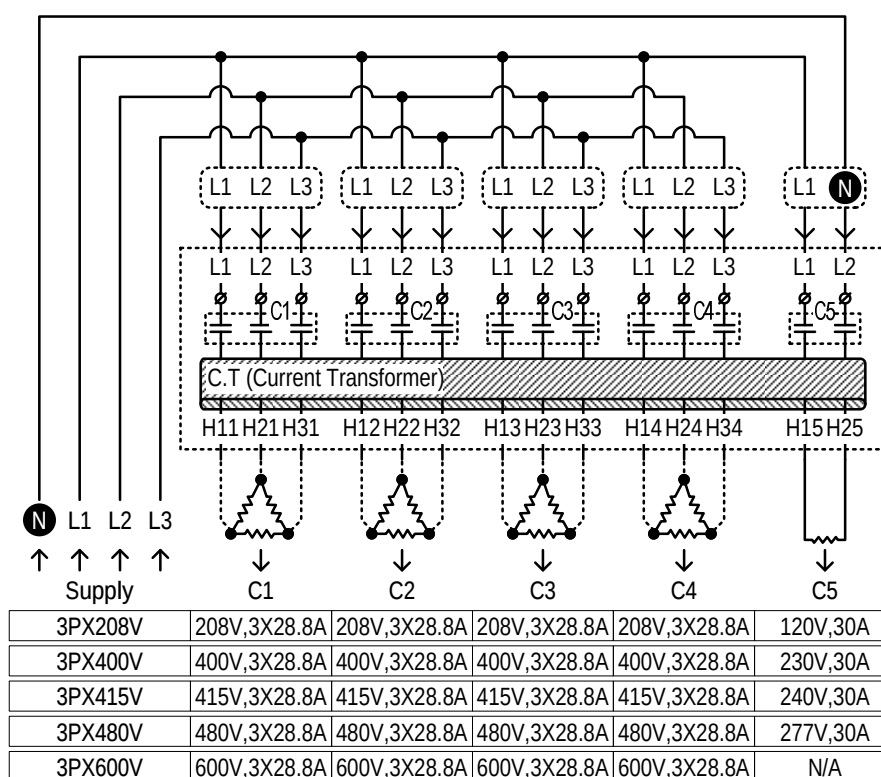
Option 1: 1 heater per contactors C1, C2, C3, C4 and C5

9



Option 2: 3 heaters per contactors C1, C2, C3 and C4 (triangle transform) and 1 heater per contactor C5

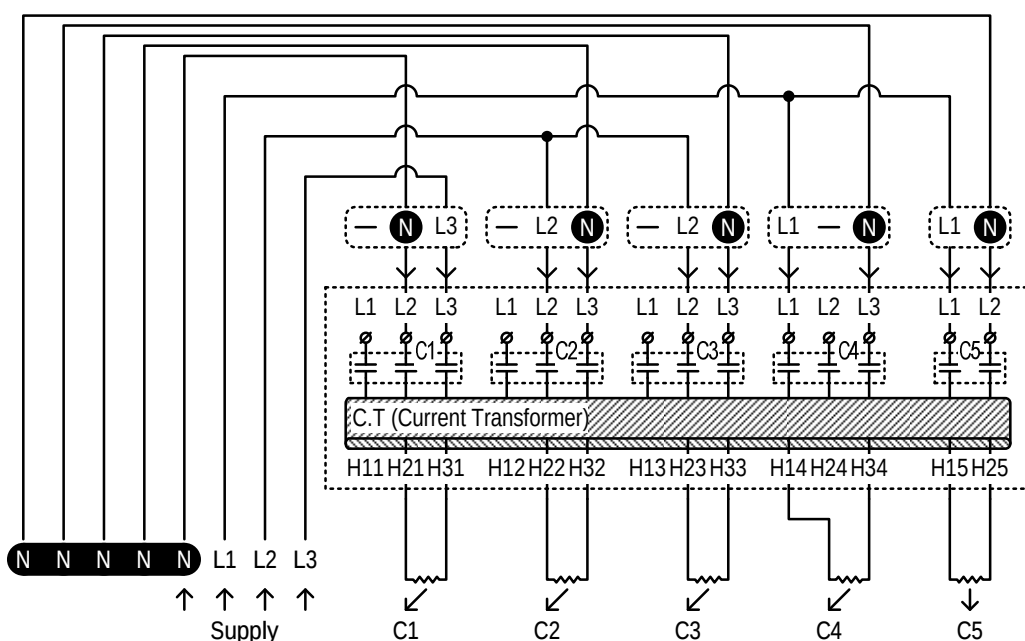
10



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Option 3: 1 heater per contactors C1, C2, C3 and C4 and C5 (Neutral connected to C1, C2, C3, C4 and C5)

11



3PX208V + N	120V,28.8A	120V,28.8A	120V,28.8A	120V,28.8A	120V,30A
3PX400V + N	230V,28.8A	230V,28.8A	230V,28.8A	230V,28.8A	230V,30A
3PX415V + N	240V,28.8A	240V,28.8A	240V,28.8A	240V,28.8A	240V,30A
3PX480V + N	277V,28.8A	277V,28.8A	277V,28.8A	277V,28.8A	277V,30A
3PX600V + N	347V,28.8A	347V,28.8A	347V,28.8A	347V,28.8A	N/A

Note: Contactors 1,2,3 and 4 can be connected to any combination of 1 or 3 (triangle transform) heaters with and without Neutral.
Example: Contactor C1,C2 and C3 connected to 3 heaters (triangle transform) and contactor C2 connected to 1 heater.

Notes

Notes



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