

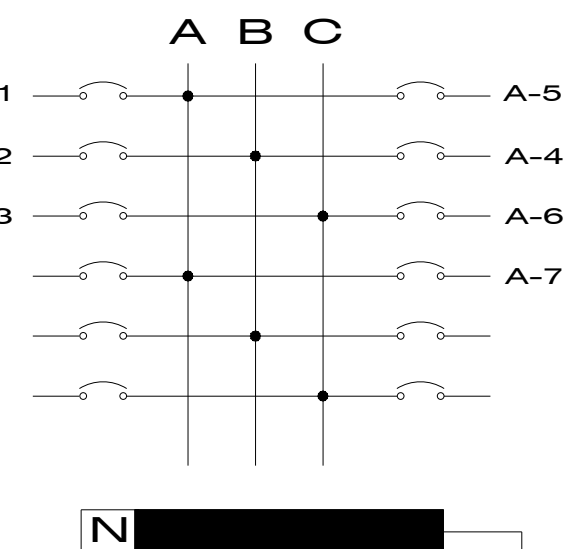



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CIRC. No.	 2x32 W. 64 W.	 180 W.			CALIBRE AWG	CALIBRE MM <sup>2</sup>	WATTS TOTALES	VOLTS	AMP.	INT. T.M.	FASES DE CONEXION		
											A	B	C
A-1	12				12 AWG	3.31	768	127	6.72	1X15	768		
A-2	12				12 AWG	3.31	768	127	6.72	1X15		768	
A-3	12				12 AWG	3.31	768	127	6.72	1X15			768
A-4	8				12 AWG	3.31	512	127	4.48	1X15		512	
A-5		4			10 AWG	5.26	720	127	6.30	1X15	720		
A-6		2			10 AWG	5.26	360	127	3.15	1X15			360
A-7		2			10 AWG	5.26	360	127	3.15	1X15	360		
A-8		4			10 AWG	5.26	720	127	6.30	1X15			720
TOTAL	44	12			6 AWG	13.3	4976	220	14.51	3X20	1848	1280	1848

### DIAGRAMA DE CONEXIONES





The diagram illustrates a power distribution system with three tabs (A, B, and C) connected to a main power source. The main power source is represented by a dashed line at the top, with two main feeders: FA36100 (3 X 80) and LA36400 (3 X 300). The system is divided into three sections by vertical lines.

**Section 1 (Left):** This section contains Tab A and Tab B. The main feeder FA36100 (3 X 80) is connected to a busbar. From this busbar, a feeder (labeled QO 3 X 20) goes to Tab A. Another feeder (labeled QO 3 X 20) goes to a busbar that feeds Tab B and Tab C.

**Section 2 (Middle):** This section contains Tab A. The main feeder LA36400 (3 X 300) is connected to a busbar. From this busbar, a feeder (labeled LAL36400 3 X 300) goes to Tab A. Another feeder (labeled LAL36400 3 X 300) goes to a busbar that feeds Tab B and Tab C.

**Section 3 (Right):** This section contains Tab C. The main feeder LA36400 (3 X 300) is connected to a busbar. From this busbar, a feeder (labeled LAL36400 3 X 300) goes to Tab C. Another feeder (labeled LAL36400 3 X 300) goes to a busbar that feeds Tab B and Tab C.

**Tab Specifications:**

- Tab A (QO330L200G):**
  - L = 20 mts
  - I = 53.96 amp
  - 4 - 67.4 (1/0 AWG)
  - 1 - 13.3t (6 AWG)
  - e % = 1.28
  - 1T-63mm
  - 220/127 volts
  - 1850e Watts
  - Area = 1,362.58m<sup>2</sup>
  - DPEA = 6.61 W/m<sup>2</sup>
  - TAB " A "
- Tab B (QO312L125G):**
  - L = 3 mts
  - I = 14.51 amp
  - 4 - 13.3 (6 AWG)
  - 1 - 5.26t (10 AWG)
  - e % = 0.34
  - 1T-35mm
  - 220/127 volts
  - 4.976 Watts
  - Area = 404.3m<sup>2</sup>
  - DPEA = 6.64 W/m<sup>2</sup>
  - TAB " B "
- Tab C (QO312L125G):**
  - L = 6 mts
  - I = 16.00 amp
  - 4 - 13.3 (6 AWG)
  - 1 - 5.26t (10 AWG)
  - e % = 0.11
  - 1T-35mm
  - 220/127 volts
  - 5.488 Watts
  - Area = 404.3m<sup>2</sup>
  - DPEA = 6.64 W/m<sup>2</sup>
  - TAB " C "

CIRC. Nº.	UNIDAD COMPRESORA	5000 W		WATTS TOTALES	VOLTS	AMP.	INT. T.M.	FASES DE CONEXION		
								A	B	C
AA-1	UC-1	1		5000	220	25.25	2 X 40	2500	2500	
AA-2	UC-2	1		5000	220	25.25	2 X 40	2500		2500
AA-3	UC-3	1		5000	220	25.25	2 X 40		2500	2500
AA-4	UC-4	1		5000	220	25.25	2 X 40	2500	2500	
AA-5	UC-5	1		5000	220	25.25	2 X 40	2500		2500
AA-6	UC-6	1		5000	220	25.25	2 X 40		2500	2500
AA-7	UC-7	1		5000	220	25.25	2 X 40	2500	2500	
AA-8	UC-8	1		5000	220	25.25	2 X 40	2500		2500
AA-9	UC-9	1		5000	220	25.25	2 X 40		2500	2500
AA-10	UC-10	1		5000	220	25.25	2 X 40	2500	2500	
AA-11	UC-11	1		5000	220	25.25	2 X 40	2500		2500
AA-12	UC-12	1		5000	220	25.25	2 X 40		2500	2500
AA-13	UC-13	1		5000	220	25.25	2 X 40	2500	2500	
AA-14	UC-14	1		5000	220	25.25	2 X 40	2500		2500
AA-15	UC-15	1		5000	220	25.25	2 X 40		2500	2500
AA-16	UC-16	1		5000	220	25.25	2 X 40	2500	2500	
AA-17	UC-17	1		5000	220	25.25	2 X 40	2500	2500	
TOTAL		17		85,000	220	247.86	3 X 400	30,000	30,000	25,000

### DIAGRAMA DE CONEXIONES

**A B C**

**AULA**

**INTERRUPTOR PRINCIPAL  
3 X 300 A**

CIRC. No.	2x32 W. 64 W.	180 W.		CALIBRE AWG	CALIBRE MM <sup>2</sup>	WATTS TOTALES	VOLTS	AMP.	INT. T.M.	FASES DE CONEXION		
										A	B	C
A-1	12			12 AWG	3.31	768	127	6.72	1X15	768		
A-2	12			12 AWG	3.31	768	127	6.72	1X15		768	
A-3	12			12 AWG	3.31	768	127	6.72	1X15			768
A-4	9			12 AWG	3.31	576	127	4.48	1X15		512	
A-5		4		10 AWG	5.26	720	127	6.30	1X15	720		
A-6		2		10 AWG	5.26	360	127	3.15	1X15			360
A-7		2		10 AWG	5.26	360	127	3.15	1X15	360		
A-8		4		10 AWG	5.26	720	127	6.30	1X15			720
A-9	7			12 AWG	3.31	448	127	3.92	1X15		448	
TOTAL	44	12		6 AWG	13.13	5488	220	16.00	3X20	1848	1728	1848

**DIAGRAMA DE CONEXIONES**

A-1

A-2

A-3

A-5

A-4

A-6

A-7

A-9

A-8



FECHA :

# IE-3