CARACTERISTICAS DE ELECTRECIDAD

TABLA ESPECIFICACION DE CONSUMOS DE WATTS Y AMPERIOS

|  |  |  |
| --- | --- | --- |
| **DESCRIPCION** | **CONSUMO WATTS** | **AMPERIOS** |
| IMPRESORA | 500 WATTS | 4.1 A |
| PC ESCRITORIO DELL | 300 WATTS | 2.6 A |
| PC PORTATIL DELL | 200 WATTS | 1.6 A |
| REPETIDOR ASUS | 176 WATTS | 1.4 A |
| ROUTER CISCO | 310 WATTS | 2.5 A |
| SWITCH CISCO | 370 WATTS | 3 A |
| UPS CDP | 2700 WATTS | 22.5 A |

CONECTORES ELECTRICOS DE CADA AULA

CONSUMO DE TOMACORRIENTE

Diagrama

Descripción generada automáticamente

= 180 WATTS/ 1.5 A R = 15A

|  |  |  |  |
| --- | --- | --- | --- |
| **NRO DE AULA** | **NRO TOMACORRIENTES** | **WATTS TOTALES** | **AMPERIOS** |
| 1 | 16 | 2880WATTS | 24 A |
| 2 | 16 | 2880WATTS | 24 A |
| 3 | 16 | 2880WATSS | 24 A |
| 4 | 16 | 2880WATTS | 24 A |
| 5 | 16 | 2880WATTS | 24 A |
| 6 | 16 | 2880WATTS | 24 A |
| 7 | 16 | 2880WATTS | 24 A |
| P | 4 | 720 WATTS | 6 A |

|  |  |  |  |
| --- | --- | --- | --- |
| **PASILLO** | **NRO TOMACORRIENTES** | **WATTS TOTALES** | **AMPERIOS** |
| 1 ER PISO | 4 | 720 WATTS | 6 A |

TABLA DE CARACTERISTICAS CABLE Y BREAKERS A UTILIZAR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **AULAS** | **AMPERIOS TOTALES ´POR AULA** | **CALIBRE CABLE** | **BREAKER 1** | **BREAKER 2** | **BREAKER 3** | **BREAKER**  **4** |
| 1 | 79,1 A | 10 | 25 A | | 25 A | |
| 2 | 74 A | 10 | 25 A | | 25 A | |
| 3 | 70 A | 10 | 25 A | | 25 A | |
| 4 | 69 A | 10 | 25 A | | 25 A | |
| 5 | 78,5 A | 10 | 25 A | | 25 A | |
| 6 | 64,1 A | 10 | 25 A | | 25 A | |
| 7 | 80,1 A | 10 | 25 A | | 25 A | |
| P | 28 A | 10 | 25 A | | X | |

|  |  |  |  |
| --- | --- | --- | --- |
| **PASILLO** | **AMPERIOS TOTALES** | **CALIBRE CABLE** | **BREAKER** |
| 1 ER PISO | 13 A | 10 | X |

DISRTIBUCION DE TOMACORRIENTES

|  |  |
| --- | --- |
| AULA 1 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA 2 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA 3 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA 4 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA 5 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA 6 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA 7 | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER 2 | 4 |
| BREAKER 3 | 4 |
| BREAKER 4 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| AULA DE PROFESORES | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 1 | 4 |
| BREAKER DIFERENCIAL (ID) 1/50A | |

|  |  |
| --- | --- |
| PASILLO PRIMER PISO | |
| BREAKERS | TOMACORRIENTES |
| BREAKER 2 | 4 |

|  |  |
| --- | --- |
| CENTRO DE CARGA | |
| BREAKER GENERAL AUTOMATICO(IGA) | 40A |
| BREAKER DIFERENCIAL (ID) | 50A |
| BREAKER 1 | 30A |
| BREAKER 2 | 30A |
| BREAKER 3 | 30A |
| BREAKER 4 | 30A |
| BREAKER 5 | 30A |
| BREAKER 6 | 30A |
| BREAKER 7 | 30A |
| BREAKER 8 | 25A |
| BARRA DE COBRE | 1 |