

CÁLCULO DE CANALIZACIONES Y OCUPACION DE DUCTOS

| CÁLCULO DE CANALIZACIONES AC | | | | | | | | | | | | | | | | | |
|---|----------------------------|----------|-------------|---|-----|--------|---|----|--------|---|----|---------------------------------|----------|---|------------------------------|------------------------|-----|
| Tramo | | Material | Conductores | | | | | | | | | Sección total conductores [mm2] | Ducteria | | Sección total ducteria [mm2] | Ocupación ducteria [%] | |
| | | | FASE | | | NEUTRO | | | TIERRA | | | | | | | | |
| RUTAS DE ALIMENTACION DE EQUIPOS Y TOMACORRIENTES | | | | | | | | | | | | | | | | | |
| TB-CCM | R01-(AC1-AC2) | Cu | 6 | x | 12 | 0 | x | 12 | 2 | x | 12 | 71,78 | 1 | x | 3/4" | 285,02 | 25% |
| TB-CCM | R02-(AC3-AC4) | Cu | 6 | x | 12 | 0 | x | 12 | 2 | x | 12 | 71,78 | 1 | x | 3/4" | 285,02 | 25% |
| TB-CCM | R03-(AC6-AC5) | Cu | 6 | x | 12 | 0 | x | 12 | 2 | x | 12 | 71,78 | 1 | x | 3/4" | 285,02 | 25% |
| TB-CCM | R04-(AC7-AC8) | Cu | 6 | x | 12 | 0 | x | 12 | 2 | x | 12 | 71,78 | 1 | x | 3/4" | 285,02 | 25% |
| TB-CCM | R05-(AC3-AC4-AC5) | Cu | 9 | x | 12 | 0 | x | 12 | 3 | x | 12 | 107,67 | 1 | x | 3/4" | 285,02 | 38% |
| TB-CCM | R06-(AC2) | Cu | 3 | x | 12 | 0 | x | 12 | 1 | x | 12 | 35,89 | 1 | x | 1/2" | 126,68 | 28% |
| TB-GENERAL | R07-(ACG2) | Cu | 3 | x | 10 | 0 | x | 12 | 1 | x | 12 | 51,73 | 1 | x | 3/4" | 285,02 | 18% |
| TB-GENERAL | R08-(ACG3-ACG4-ACG5) | Cu | 3 | x | 10 | 6 | x | 12 | 3 | x | 12 | 123,51 | 1 | x | 1" | 506,71 | 24% |
| TB-CCM | R09-(ACG4-ACG5) | Cu | 6 | x | 12 | 0 | x | 12 | 2 | x | 12 | 71,78 | 1 | x | 3/4" | 285,02 | 25% |
| TB-CCM | R10-(ACG5) | Cu | 3 | x | 12 | 0 | x | 12 | 1 | x | 12 | 35,89 | 1 | x | 1/2" | 126,68 | 28% |
| TB-SERVICIOS | R11-(ACS5-ACS6-ACS14) | Cu | 6 | x | 12 | 1 | x | 12 | 2 | x | 12 | 80,75 | 1 | x | 3/4" | 285,02 | 28% |
| TB-CCM | R12-(ACS15-AC1) | Cu | 4 | x | 12 | 1 | x | 12 | 2 | x | 12 | 62,81 | 1 | x | 3/4" | 285,02 | 22% |
| TB-CCM | R13-(AC11) | Cu | 3 | x | 10 | 0 | x | 12 | 1 | x | 12 | 51,73 | 1 | x | 3/4" | 285,02 | 18% |
| TB-SERVICIOS | R14-(ACS7-ACS8-ACS9-ACS11) | Cu | 3 | x | 6 | 2 | x | 12 | 4 | x | 12 | 150,65 | 1 | x | 1" | 506,71 | 30% |
| TB-SERVICIOS | R15-(ACS8) | Cu | 1 | x | 12 | 1 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| TB-SERVICIOS | R16-(ACS7-ACS9) | Cu | 3 | x | 12 | 1 | x | 12 | 2 | x | 12 | 53,84 | 1 | x | 3/4" | 285,02 | 19% |
| TB-SERVICIOS | R17-(ACS15-ARCH) | Cu | 3 | x | 12 | 1 | x | 12 | 2 | x | 12 | 53,84 | 1 | x | 3/4" | 285,02 | 19% |
| RUTAS DE ALIMENTACION DE LUMINARIAS | | | | | | | | | | | | | | | | | |
| TB-SERVICIOS | R18-(IC2) | Cu | 1 | x | 12 | 1 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| TB-SERVICIOS | R19-(IC1) | Cu | 1 | x | 12 | 1 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| TB-SERVICIOS | R20-(IC3-IC4) | Cu | 2 | x | 12 | 2 | x | 12 | 2 | x | 12 | 53,84 | 1 | x | 3/4" | 285,02 | 19% |
| TB-SERVICIOS | R21-(IC3) | Cu | 1 | x | 12 | 1 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| TB-SERVICIOS | R22-(IC4) | Cu | 1 | x | 12 | 1 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| TB-ARCH | R23-(ARCH01) | Cu | 1 | x | 12 | 1 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| RUTAS DE ALIMENTACION DE AA | | | | | | | | | | | | | | | | | |
| TB-SERVICIOS | R24-(AA-1,AA-2,AA-3) | Cu | 6 | x | 10 | 0 | x | 10 | 3 | x | 10 | 128,28 | 1 | x | 1 1/2" | 1140,09 | 11% |
| AA-1,AA-2,AA-3 | R25-(CASETTES) | Cu | 2 | x | 12 | 0 | x | 12 | 1 | x | 12 | 26,92 | 1 | x | 1/2" | 126,68 | 21% |
| RUTAS DE ALIMENTACION DE MT | | | | | | | | | | | | | | | | | |
| PUNTO DE CONEXION | CAJA DE INPECCION C1 | Cu XLPE | 3 | x | 1/0 | 0 | x | 0 | 0 | x | 0 | 1847,25 | 1 | x | 4" | 8107,34 | 23% |
| CAJA DE INPECCION C1 | SUBESTACION INTERNA | Cu XLPE | 3 | x | 1/0 | 0 | x | 0 | 0 | x | 0 | 1847,25 | 1 | x | 6" | 18241,47 | 10% |