

26 24 Switchboards and Panelboards

26 24 13 – Switchboards

| | | Daily | Labor- | | | 2022 Bare Costs | | | Total | Total |
|------------------------------------------|-------------------------------------------------------|--------|--------|--------|------|-----------------|-------|-----------|--------|----------|
| | | Crew | Output | Hours | Unit | Material | Labor | Equipment | | Incl O&P |
| 26 24 13.10 Incoming Switchboards | | | | | | | | | | |
| 0010 | INCOMING SWITCHBOARDS main service section | | | | | | | | | |
| 0100 | Aluminum bus bars, not including CT's or PT's | | | | | | | | | |
| 0200 | No main disconnect, includes CT compartment | | | | | | | | | |
| 0300 | 120/208 volt, 4 wire, 600 amp | 2 Elec | 1 | 16 | Ea. | 4,825 | 1,050 | | 5,875 | 6,900 |
| 0400 | 800 amp | | .88 | 18.182 | | 4,825 | 1,200 | | 6,025 | 7,125 |
| 0500 | 1,000 amp | | .80 | 20 | | 5,800 | 1,325 | | 7,125 | 8,375 |
| 0600 | 1,200 amp | | .72 | 22.222 | | 5,800 | 1,475 | | 7,275 | 8,575 |
| 0700 | 1,600 amp | | .66 | 24.242 | | 5,800 | 1,600 | | 7,400 | 8,775 |
| 0800 | 2,000 amp | | .62 | 25.806 | | 6,350 | 1,700 | | 8,050 | 9,550 |
| 1000 | 3,000 amp | | .56 | 28.571 | | 8,400 | 1,900 | | 10,300 | 12,000 |
| 2000 | Fused switch & CT compartment | | | | | | | | | |
| 2100 | 120/208 volt, 4 wire, 400 amp | 2 Elec | 1.12 | 14.286 | Ea. | 2,850 | 945 | | 3,795 | 4,525 |
| 2200 | 600 amp | | .94 | 17.021 | | 3,375 | 1,125 | | 4,500 | 5,375 |
| 2300 | 800 amp | | .84 | 19.048 | | 13,100 | 1,250 | | 14,350 | 16,300 |
| 2400 | 1,200 amp | | .68 | 23.529 | | 17,000 | 1,550 | | 18,550 | 21,000 |
| 2900 | Pressure switch & CT compartment | | | | | | | | | |
| 3000 | 120/208 volt, 4 wire, 800 amp | 2 Elec | .80 | 20 | Ea. | 11,700 | 1,325 | | 13,025 | 14,900 |
| 3100 | 1,200 amp | | .66 | 24.242 | | 23,100 | 1,600 | | 24,700 | 27,800 |
| 3200 | 1,600 amp | | .62 | 25.806 | | 24,600 | 1,700 | | 26,300 | 29,600 |
| 3300 | 2,000 amp | 2 Elec | .56 | 28.571 | Ea. | 25,700 | 1,900 | | 27,600 | 31,100 |
| 4400 | Circuit breaker, molded case & CT compartment | | | | | | | | | |
| 4600 | 3 pole, 4 wire, 600 amp | 2 Elec | .94 | 17.021 | Ea. | 12,500 | 1,125 | | 13,625 | 15,400 |
| 4800 | 800 amp | | .84 | 19.048 | | 19,000 | 1,250 | | 20,250 | 22,800 |
| 5000 | 1,200 amp | | .68 | 23.529 | | 16,500 | 1,550 | | 18,050 | 20,500 |
| 5100 | Copper bus bars, not incl. CT's or PT's, add, minimum | | | | | 15% | | | | |

26 24 13.30 Distribution Switchboards Section

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|------|-------------------------------------------|--------|------|--------|-----|-------|-------|--|--------|--------|
| 0010 | DISTRIBUTION SWITCHBOARDS SECTION | | | | | | | | | |
| 0100 | Aluminum bus bars, not including breakers | | | | | | | | | |
| 0195 | 120/208 or 277/480 volt, 4 wire, 400 amp | 2 Elec | 1.10 | 14.545 | Ea. | 1,625 | 965 | | 2,590 | 3,225 |
| 0200 | 600 amp | | 1 | 16 | | 1,550 | 1,050 | | 2,600 | 3,275 |
| 0300 | 800 amp | | .88 | 18.182 | | 1,950 | 1,200 | | 3,150 | 3,950 |
| 0400 | 1,000 amp | | .80 | 20 | | 2,475 | 1,325 | | 3,800 | 4,700 |
| 0500 | 1,200 amp | | .72 | 22.222 | | 2,950 | 1,475 | | 4,425 | 5,400 |
| 0600 | 1,600 amp | | .66 | 24.242 | | 4,600 | 1,600 | | 6,200 | 7,425 |
| 0700 | 2,000 amp | | .62 | 25.806 | | 5,825 | 1,700 | | 7,525 | 8,950 |
| 0800 | 2,500 amp | | .60 | 26.667 | | 6,150 | 1,775 | | 7,925 | 9,400 |
| 0900 | 3,000 amp | | .56 | 28.571 | | 8,375 | 1,900 | | 10,275 | 12,000 |
| 0950 | 4,000 amp | | .52 | 30.769 | | 7,825 | 2,025 | | 9,850 | 11,700 |

26 24 13.40 Switchboards Feeder Section

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|------|------------------------------------------------------------|--------|------|-------|-----|--------|-------|--|--------|--------|
| 0010 | SWITCHBOARDS FEEDER SECTION group mounted devices | | | | | | | | | |
| 0030 | Circuit breakers | | | | | | | | | |
| 0160 | FA frame, 15 to 60 amp, 240 volt, 1 pole | 1 Elec | 8 | 1 | Ea. | 133 | 66 | | 199 | 245 |
| 0280 | FA frame, 70 to 100 amp, 240 volt, 1 pole | | 7 | 1.143 | | 227 | 75.50 | | 302.50 | 360 |
| 0420 | KA frame, 70 to 225 amp | | 3.20 | 2.500 | | 1,400 | 166 | | 1,566 | 1,800 |
| 0430 | LA frame, 125 to 400 amp | | 2.30 | 3.478 | | 4,300 | 230 | | 4,530 | 5,075 |
| 0460 | MA frame, 450 to 600 amp | | 1.60 | 5 | | 5,850 | 330 | | 6,180 | 6,925 |
| 0470 | 700 to 800 amp | | 1.30 | 6.154 | | 5,925 | 405 | | 6,330 | 7,125 |
| 0480 | MAL frame, 1,000 amp | | 1 | 8 | | 7,875 | 530 | | 8,405 | 9,450 |
| 0490 | PA frame, 1,200 amp | | .80 | 10 | | 16,000 | 660 | | 16,660 | 18,600 |
| 0500 | Branch circuit, fusible switch, 600 volt, double 30/30 amp | | 4 | 2 | | 870 | 132 | | 1,002 | 1,150 |
| 0550 | 60/60 amp | | 3.20 | 2.500 | | 895 | 166 | | 1,061 | 1,225 |
| 0600 | 100/100 amp | | 2.70 | 2.963 | | 1,150 | 196 | | 1,346 | 1,550 |