| | Item Name | Vendor | Part Number | Per Station Quantity | Per Item List Price | Per Station Net Price |
|---|---|---|---|---|---|---|
| 1 | 22mm Metal PB w/ Contact Block, 1 NO, Green | Schneider | XB4BA31 | 1 | **$23.26** | **$23.26** |
| 2 | 22mm Metal PB w/ Contact Block, 1 NC, Red | Schneider | XB4BA42 | 1 | **$23.26** | **$23.26** |
| 3 | 22mm Metal Contact Block, 1 NO | Schneider | ZB4BZ101 | 2 | **$13.29** | 26.58 |
| 4 | 22mm Metal Contact Block, 1 NC | Schneider | ZB4BZ102 | 2 | **$13.29** | 26.58 |
| 5 | LED indicator (Pilot light) M22 AMPARO RED 24V AC/DC | Emall Australia | BZ501210-B | 1 | **$3.78** | **$3.78** |
| 6 | LED indicator (Pilot light) M22 AMPARO GREEN 24V AC/DC - BZ501213-B | Emall Australia | BZ501213-B | 1 | **$3.78** | **$3.78** |
| 7 | Fuse block, GRY 30A 20-6 AWG, 300V | Automation Direct | DN-F6MN | 3 | $40.00 | 120 |
| 8 | DL205 X-Slot Base, 120 VAC PWR | Automation Direct | D2-09B-1 | 1 | $328.00 | 328 |
| 9 | Do-more CPU Module | Automation Direct | H2-DM1E | 1 | $584.00 | 584 |
| 10 | 24-240 VAC Output Module | Automation Direct | D2-08TA | 1 | $195.00 | 195 |
| 11 | 8 PT 110 VAC Input Module | Automation Direct | D2-08NA-1 | 1 | $110.00 | 110 |
| 12 | ZipLink 20-pole feed through module | Automation Direct | ZL-RTB20 | 2 | $34.00 | 68 |
| 13 | Cable 10-term/24-pin 0.5m Ziplink for Dl205 | Automation Direct | ZL-D2-CBL10 | 2 | $36.50 | 73 |
| 14 | Thermal overload protective relay, AutomationDirect RTD32-120 | Automation Direct | RTD32-120 | 1 | $87.00 | 87 |
| | **Rack Components** | | | | | |
| 15 | 12U Filler Panel with Stability Flanges (21") | Rack Solutions | 102-2142 | 2 | $47.22 | 94.44 |
| 16 | 3U Filler Panel with Stability Flanges (7") | Rack Solutions | 102-1824 | 1 | $27.95 | 27.95 |
| 17 | 4U Filler Panel with Stability Flanges (5") | Rack Solutions | 102-1825 | 1 | $4.99 | 4.99 |
| 18 | Rack 77" x 19", Al Finish | A-I Consolidated | RR-1369-MG | 1 | $494.35 | 494.35 |
| 19 | Casters, Hard Tread Composition, 2.75 in, 200 lbs, pair of 2 | A-I Consolidated | RC-7758-PR | 2 | $35.30 | 70.6 |
| 20 | Safety Lockout Hasp | Grainger | 1U177 | 1 | $7.93 | 7.93 |
| 21 | Push Button Safety Cover | Grainger | 3PDE5 | 1 | $123.97 | 123.97 |
| 22 | Push Button | Grainger | 13Z546 | 1 | $96.27 | 96.27 |
| 23 | Lock Out Relay (Series 24) | Shallco | 7601D | 1 | $280.00 | 280 |
| 24 | Terminal Block, Screw Clamp, 12A, 600V | Omega | AVK2.5 | 12 | $1.48 | 17.76 |
| 25 | 2 Pole Cross Connectors for AVK-2.5 thru AVK-10 | Omega | DN-2J2Y | 12 | $0.51 | 6.12 |
| 26 | End plate-partition for AVK-2.5 thru AVK-10 | Omega | AVK-EP-210 | 3 | $1.56 | 4.68 |
| 27 | Terminal Block Mounting Track, 17" | Schneider | 9080MH339 | 3 | $34.16 | 102.48 |
| 28 | Stranded Hook-up wire, 300V, UL1007, 18 AWG, red, 16/30 (Per roll) | BulkWire.com | Wire-ST-18-02-100 | 1 | $19.29 | 19.29 |
| 29 | Stranded Hook-up wire, 300V, UL1007, 18 AWG, green, 16/30 (Per roll) | BulkWire.com | Wire-ST-18-05-100 | 1 | $19.29 | 19.29 |
| 30 | Stranded Hook-up wire, 300V, UL1007, 18 AWG, white, 16/30 (Per roll) | BulkWire.com | Wire-ST-18-09-100 | 1 | $19.29 | 19.29 |
| 31 | Various 1 1/4" or 20 mm fuses (Per set of 50) | Jameco | various | 1 | $20.10 | 20.1 |
| 32 | Banana jack electrical connector | DigiKey | 314-1557-ND | 15 | $3.73 | 55.95 |
| 32 | Power Supply, Var. 3ph, 24Vac | Festo | 8821-20 | 1 | $2,870.00 | $2,870.00 |
| 33 | 3-Phase Transformer Bank | Festo | 8348-40 | 1 | $674.00 | $674.00 |
| 34 | Four-Pole Squirrel Cage Induction Motor | Festo | 8221-00 | 1 | $954.00 | $954.00 |
| 35 | Four-Quadrant Dynamometer Power Supply | Festo | 8960-C0 | 1 | $3,359.00 | $3,359.00 |
| | **Total Cost** | | | | | $10,994.70 |