

RECOMMENDED: 3/4 HP & ABOVE 480V/3P 3/4 HP & BELOW 120V/1P

Table showing TEMPERATURE RATING OF CONDUCTOR with columns for SIZE (AWG), 60° (140°F), 75° (167°F), and 90° (194°F) ratings.

* SEE 240.4(D) SMALL CONDUCTORS

Table titled 'MAXIMUM NUMBER OF CABLES BASED UPON ALLOWABLE FILL' with columns for CONDUIT SIZE and CABLE OUTSIDE DIAMETER.

APPENDIX C

TABLE C1, C4, C8, C9 & C10. - DESIGNER CONSOLIDATION (WORST CASE C9, SHOWN) NUMBER OF CONDUCTORS AND FIXTURE WIRES IN EMT, IMC, RIGID AND PVC (SCHD 40 & 80), BASED ON CONDUIT FILL TABLES, CHAPTER 9

TABLE C9: TABLE C1, C4, C8, C9 & C10. CONDUCTORS (RIGID SCHD. 80 PVC) TRADE SIZE (IN.). Grid of conductor counts for various sizes and types.

CIRCUITS

TABLE 250-122 MINIMUM SIZE EQUIPMENT GROUNDING CONDUCTORS FOR GROUNDING RACEWAY AND EQUIPMENT.

Table with columns for RATING OR SETTING OF AUTOMATIC OVERCURRENT DEVICE IN CIRCUIT AHEAD OF EQUIPMENT, CONDUIT, ETC., NOT EXCEEDING (AMPERES), and SIZE (AWG OR kcmil) for COPPER and ALUMINUM OR COPPER-CLAD ALUMINUM WIRE.

SERVICE ENTRANCE

TABLE 250-66 GROUNDING ELECTRODE CONDUCTOR FOR ALTERNATING-CURRENT SYSTEMS

Table showing SIZE OF LARGEST SERVICE-ENTRANCE CONDUCTOR OR EQUIVALENT AREA FOR PARALLEL CONDUCTORS and SIZE OF GROUNDING ELECTRODE CONDUCTOR for various conductor sizes and types.

208V/3PH AC MOTOR

Table for 208V/3PH AC MOTOR showing INDUCTION TYPE SQUIRREL-CAGE AND WOUND-ROTOR AMPERES with columns for HP, KW, FLA, BKR, FUSE, and WIRE/CONDUIT.

480V/3PH AC MOTOR

Table for 480V/3PH AC MOTOR showing INDUCTION TYPE SQUIRREL-CAGE AND WOUND-ROTOR AMPERES with columns for HP, KW, FLA, BKR, FUSE, and WIRE/CONDUIT.

TABLE 1 PERCENT OF CROSS SECTION OF CONDUIT AND TUBING FOR CONDUCTORS with columns for NUMBER OF C.C.C. and ALL CONDUCTOR TYPES.

SINGLE PHASE

Table for SINGLE PHASE showing INDUCTION TYPE SQUIRREL-CAGE AND WOUND-ROTOR AMPERES with columns for HP, KW, FLA, BKR, FUSE, and WIRE/CONDUIT.

230V/1PH

Table for 230V/1PH showing INDUCTION TYPE SQUIRREL-CAGE AND WOUND-ROTOR AMPERES with columns for HP, KW, FLA, BKR, FUSE, and WIRE/CONDUIT.

277V/1PH

Table for 277V/1PH showing INDUCTION TYPE SQUIRREL-CAGE AND WOUND-ROTOR AMPERES with columns for HP, KW, FLA, BKR, FUSE, and WIRE/CONDUIT.

TABLE 310-15(B)(3)(g) ADJUSTMENT FACTORS FOR MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A RACEWAY OR CABLE

Table showing ADJUSTMENT FACTORS and RECEPTACLE LOADS with columns for TOTAL NUMBER OF CONDUCTORS, PERCENT OF VALUES IN TABLES 315(B), AS ADJUSTED FOR AMBIENT TEMPERATURE IF NECESSARY, # REC., and WATTS/A.

GROUNDING SCHEDULE FOR RISER DIAGRAM.

Table showing GROUNDING SCHEDULE for various riser types like METALLIC COLD WATER PIPE, BUILDING STEEL, etc., with columns for GROUNDING SCHEDULE and CONDUCTOR SIZE.

CIRCUIT TYPES

- BRANCH
POWER
RECEPTACLE
LIGHTING
DISTRIBUTION

DISTRIBUTION TYPES

- SERVICE ENTRANCE
DISTRIBUTION
DISTRIBUTION 3P ONLY

based on 2011 NEC edited: APR 2016 WIRE/CONDUIT/MOTOR



WIRE/CONDUIT/MOTOR

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POWER RISER FEEDER SCHEDULE

Table showing POWER RISER FEEDER SCHEDULE with columns for FEEDER, PANELBOARD FEEDER SCHEDULE, FEEDER, and PANELBOARD FEEDER SCHEDULE, including transformer primary and secondary connections.