



MOTOR and WIRE RATING DATA

269

MAGNET COIL SUFFIX NUMBERS — Apply to Catalog Numbers 9560 9575, 9584, 9586, 9589, 9594, 9656, 9658, 9736 and 9739 only.

Voltage	Frequency		
	60 cycles	50 cycles	25 cycles
6	-26	-30	-34
12	-27	-31	-35
24	-28	-32	-36
32	-29	-33	-37
110	-1	-5	-10
115	-14	-16	-18
115/120	-46	---	---
115/230	-20	-21	-22
120	-39	-43	-44
208	-45	---	---
208/220	-2	---	---
220	-42	-6	-11
220/240	-23	-24	-25
230	-15	-17	-19
240	-40	---	---
380	---	-7	---
440	-3	-8	-12
480	-41	---	---
500	---	-38	---
550	-4	-9	-13

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WIRE and CONDUIT TABLES — Based on 1962 N.E.C.

MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT OR TUBING — Types RF-2, RFH-2, R, RH, RW, RH-RW, RHW, RHH, RU, RUH, RUW, SF, SFF, TF, T, TW, THW and THWN (See sections 300-17, 300-18, 346-6 and 348-6 of 1962 N.E.C.) — Derating factor for more than three conductors in raceways, see Note 8 on next page.

Wire Size AWG or MCM	Maximum Number of Conductors in Conduit or Tubing (Based upon % conductor fill, Table 3, Chap. 9, for new work)											
	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch	5 Inch	6 Inch
18	7	12	20	35	49	80	115	176				
16	6	10	17	30	41	68	98	150				
14	4	6	10	18	25	41	58	90	121	155		
12	3	5	8	15	21	34	50	76	103	132	208	
10	1	4	7	13	17	29	41	64	86	110	173	
8	1	3	4	7	10	17	25	38	52	67	105	152
6	1	1	3	4	6	10	15	23	32	41	64	93
4	1	1	1	3	5	8	12	18	24	31	49	72
3		1	1	3	4	7	10	16	21	28	44	63
2		1	1	3	3	6	9	14	19	24	38	55
1		1	1	1	3	4	7	10	14	18	29	42
0			1	1	2	4	6	9	12	16	25	37
00			1	1	1	3	5	8	11	14	22	32
000			1	1	1	3	4	7	9	12	19	27
0000			1	1	1	2	3	6	8	10	16	23
250				1	1	1	3	5	6	8	13	19
300				1	1	1	3	4	5	7	11	16
350				1	1	1	1	3	5	6	10	15
400					1	1	1	3	4	6	9	13
500					1	1	1	3	4	5	8	11
600						1	1	1	3	4	6	9
700						1	1	1	3	3	6	8
750						1	1	1	3	3	5	8
800						1	1	1	2	3	5	7
900						1	1	1	1	3	4	7
1000						1	1	1	1	3	4	6
1250							1	1	1	1	3	5
1500								1	1	1	3	4
1750								1	1	1	2	4
2000								1	1	1	1	3

① Where an existing service run of conduit or electrical metallic tubing does not exceed 50 ft. in length and does not contain more than the equivalent of two quarter bends from and to end, two No. 4 insulated and one No. 4 bare conductors may be installed in 1-inch conduit or tubing.

CUTLER-HAMMER

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WOUND ROTOR,
SYNCHRONOUS & MEDIUM
VOLTAGE MOTOR CONTROL

MOTOR CONTROL
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DC MOTOR CONTROL

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HEATER COILS
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