

NEMA MW 1000-2016 Product Identification Number (PIN) Table

PIN Column Information	NEMA MW Symbol	Type of Insulation	Type of Conductor	Insulation Build	Additional Insulation Information	Size	Type of Lubricant	Insulation Color
PIN Spaces	2	3	1	1	1	6	1	2
PIN Position	1-2	3-5	6	7	8	9-14	15	16-17
PIN Data	MW	NEMA MW Standard (Number)	C-Copper A-Aluminum	B-Bare S-Single H-Heavy T-Triple Q-Quad 1-Type 1 2-Type 2 3-Type 3 4-FIW 4 5-FIW 5 6-FIW 6 7-FIW 7 8-FIW 8 9-FIW 9	x a c d e f g h i j k l n	Round Start at far right with last digit. Square Actual Size (Decimal Nom. Bare x 1000) Rectangular Actual Size (Decimal Nom. Bare x 1000)	P-Paraffin wax O-Mineral oil S-Special N-None U-Unspecified	bl-Blue bk-Black br-Brown gd-Gold gn-Green gy-Gray iv-Ivory nc-No color added or-Orange pk-Pink rd-Red tn-Tan tq-Turquoise vt-Violet wh-White yl-Yellow

Explanation of additional insulation information:

x: film-coated only

Glass fiber covered wire

- a: single glass fiber
- c: single polyester glass fiber
- d: double polyester glass fiber

Paper/Nomex Tape covered wire

- e: single tape .002" 0 to 1/2 lap
- f: single tape .002" 1/2 to 2/3 lap
- g: double tape .002" 0 to 1/2 lap
- h: double tape .002" 1/2 to 2/3 lap
- i: single tape .003" 0 to 1/2 lap
- j: single tape .003" 1/2 to 2/3 lap

Polyimide tape covered wire

- k: single tape 1/2 to 2/3 lap
- l: double tape 1/2 to 2/3 lap
- n: ~~double paper single cotton~~

Examples:

- 18 AWG Round Single Build MW 80-C_x red with paraffin wax lubrication would have a PIN of MW080CSx000018Prd
- 16-1/2 AWG Round Heavy Build MW 35-C_x green with paraffin wax lubrication would have a PIN of MW035CHx0016.5Pgn
- 6 AWG Square Heavy Build MW 36-C_x natural with oil lubrication would have a PIN of MW036CHx162162Onc
- 0.100" x 0.230" Single Glass Fiber over Heavy Film MW 42-C would have a PIN of MW042ChA100230Nnc