



LITTELFUSE INC
MR. BILL TRAVIS, STANDARDS ENGINEER
800 E NORTHWEST HWY
DES PLAINES IL 60016

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XUHT2 July 29, 2008
Transient Voltage Surge Suppressors - Component

LITTELFUSE INC
800 E NORTHWEST HWY, DES PLAINES IL 60016

E75961

Gas tubes, Types HV-250, HV-275.

Metal oxide varistors, Model(*) V, followed by 95, 112, 130, 131, 140, 141, 142, 150, 151, 170, 172, 175, 180, 181, 200, 201, 202, 220, 230, 240, 242, 250, 251, 270, 271, 275, 282, 300, 301, 320, 321, 330, 331, 350, 351, 360, 385, 390, 391, 420, 421, 430, 441, 460, 470, 480, 481, 510, 511, 550, 551, 570, 571, 575, 620, 625, 660, 661, 680, 681, 751, 881, 1000, followed by BA, BB, DA, DB, HA, HC, LA, LC, LS, LT, LU, RA, ZA, ZT, ZC, ZS or ZU, may be followed by P, may be followed by additional suffixes.

Type(*) V followed by 111, 131, 141, 151, 181, 201, 251, 271, 301, 321, 331, 351, 391, 421, 441, 461, 481, 511, 551, 571, 621, 661, 681, 751, followed by DHB, HB HF or HG, followed by 34, may be followed by P, may be followed by additional suffixes.

Type(*) V followed by 20, followed by S or SC, followed by 150, 175, 200, 230, 250, 275, 300, 320, 385, 420, may be followed by P, may be followed by L1, L2, L3 or L4, followed by B, T or A, followed by 5, 7 or 1, or may be followed by -0000 through -9999 or -X0000 through -9999.

Model(*) TMOV, followed by 14R, followed by 115, 130, 140, 150, 175, 200, 230, 250, 275, 300, 320, 330, 385, 420, followed by E, may be followed by additional suffixes; Models(*) TMOV14R115, TMOV14R130, TMOV14R140, TMOV14R150, TMOV14R175, TMOV14R200, TMOV14R230, TMOV14R250, TMOV14R275, TMOV14R300, TMOV14R320, TMOV14R330, TMOV14R385, TMOV14R420 followed by "E" or "M", may be followed by additional suffixes; Models(*) TMOV14RP115, TMOV14RP130, TMOV14RP140, TMOV14RP150, TMOV14RP175, TMOV14RP200, TMOV14RP230, TMOV14RP250, TMOV14RP275, TMOV14RP300, TMOV14RP320, TMOV14RP330, TMOV14RP385, TMOV14RP420, TMOV20RP115, TMOV20RP130, TMOV20RP140, TMOV20RP150, TMOV20RP175, TMOV20RP200, TMOV20RP300, TMOV20RP230, TMOV20RP250, TMOV20RP275, TMOV20RP300, TMOV20RP320, TMOV20RP385, TMOV20RP420 followed by "E", may be followed by additional suffixes.

Series(*) TMOV34S, followed by 111, 131, 141, 151, 181, 201, 251, 271, 301, 321, 331, 351, 381, 421, 461, 481, 511, 551, 571, 621, 661, 681, 751, followed by "E", "EP", "M" or "MP", may be followed by additional suffixes; Series(*) TMOV34S followed by 111, 131, 141, 151, 181, 201, 251, 271, 301, 321, 331, 351, 381, 421, 461, 481, 511, 551, 571, 621, 661, 681, 751, followed by "M", may be followed by additional suffixes, followed by "P".

Metal oxide varistor with thermal cutoff, Model(*) TMOV followed by 20R, followed by 115, 130, 140, 150, 175, 200, 230, 250, 275, 300, 320, 385, 420, 440, 460, 510, 550, 575, 625, 750, followed by "E" or "M", may be followed by additional suffixes.

Surface mount varistor, Model(*) V followed by 150, 180, 200, 220, 240, 360, 390, 430, followed by CH8, may be followed by additional suffixes. UltraMOV Series, Type(*) V, followed by 07, 10, 14, 20, followed by D or E, followed by 115, 130, 140, 150, 175, 200, 230, 250, 275, 300, 320, 330, 385, 420, 460, 510, 550, 575, 625, 750, may be followed by P, may be followed by L1, L2, L3 or L4, followed by B, T or A, followed by 1, 5 or 7, may be followed by additional suffixes.

Type(*) V, followed by 07, 10, 14, 20, followed by D, E or P, followed by 115, 130, 140, 150, 175, 200, 230, 250, 275, 300, 320, 330, 385, 420, 460, 510, 550, 575, 625, 750, may be followed by P; Type V12E150P all types may be followed by L1, L2, L3 or L4, followed by B, T or A, followed by 1, 5 or 7, may be followed by additional suffixes, series may optionally be prefixed by P. Transient Voltage Surge Suppressors, "UltraMOV" Bare Varistors, Types V07E230PX2893, V07E250PX2893, V09E230PX2893, V09E230PX2893, V10E230PX2893, V10E250PX2893, series may optionally be prefixed by P.

Transient voltage surge suppressors, bare varistors, Type V followed by 111, 131, 141, 151, 181, 201, 251, 271, 301, 321, 331, 351, 391, 421, 441, 461, 481, 511, 551, 571, 621, 661, 681, 751, followed by NA, followed by 34, may be followed by one, two or three digits, may be followed by A, B or C, may be followed by -0000 through -9999 or -X0000 or through -X9999.

Transient voltage surge suppressors, Series V followed by 95, 130, 131, 140, 141, 150, 151, 170, 175, 181, 200, 201, 220, 230, 240, 250, 251, 270, 271, 275, 300, 301, 320, 321, 330, 331, 350, 351, 360, 385, 390, 391, 420, 421, 430, 441, 460, 480, 481, 510, 511, 550, 551, 570, 571, 575, 625, 660, 661, 681, 751, 1000, may be followed by BA, DA, DB, HA, HC, LA, LC, LS, LT, LU or RA, may be followed by one, two or three digits, may be followed



by A, B or C, may be followed by P, may be followed by -0000 through -9999 or -X0000 or through -X9999, series may optionally be prefixed by P.

Series V followed by 220, 240, 270, 330, 390, 430, 680, followed by ZA, ZAX, ZC, ZS, ZT, ZU, may be followed by one or two digits, may be followed by P, may be followed by -0000 through -9999 -X0000 or through -X9999, series may optionally be prefixed by P.

Series FBMOV followed by 150, 180, 200, 250, 275, 300, 320, 330, 350, 385, 420, followed by "M", may be followed by additional suffixes. Models CG-75 through -144, CG2-145 through -2000, CG3-1.0 through -8.5 may be followed by -01 through -99, may be followed by L, may be followed S, may be followed by N, may be followed by MS; Model AC-120 may be followed by -01 through -99, may be followed by L.

Transient voltage surge suppressor, Varistor, Type V followed by 111, 131, 141, 151, 181, 201, 251, 271, 301, 321, 331, 351, 391, 421, 441, 461, 481, 511, 551, 571, 621, 661, 681, 751, followed by HB, HF, HG or DHB, followed by 34, may be followed by one, two or three digits, may be followed by A, B or C, may be followed by -0000 through -9999 or -X0000 or through -X9999.

Varistors, Models V130PA20A, V130PA20C, V150PA20A, V150PA20C, V250PA40A, V250PA40C, V275PA40A, V275PA40C, V320PA40A, V320PA40C, V350PA40A, V350PA40C, V420PA40A, V420PA40C, V480PA40A, V480PA40C, V510PA80A, V510PA80C, V575PA80A, V575PA80C, V660PA100A, V660PA100C, C suffix parts designates 5% tolerance.

Transient voltage surge suppressors, Varistor surface mount Types V175, V230, V250, V275, V300, V320. All catalog numbers followed by Suffix SM20.

(*) May be followed by one, two or three digits, may be followed by A, B or C, may be followed by -0000 through -9999 or -X0000 through -X9999.

Marking: Company name or tradename "LF" and model or type designation.

See General Information Preceding These Recognitions

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.