

TEX-E SERIES SAFETY CODES as of Sep. 9. 2005

TEX-E series has been certified as follows:

Organization	Requirements Standard No.*1	Certificate No.	Rating	Models (former UL Style No.)
UL	UL 2353 UL 1950-3e/IEC 60950, Annex U (UL 1411 , UL 60950-1)	E206440,OBJT2 (E188643,AVLV2)*2 (E157568,OCDT2)* 2	1000 Vrms TEX-E <u>B (130°C)</u> *3 TEX-ELZ, ECEW3 E (120°C)	TEX-E (Style 10348)*2 TEX-ELZ (Style 10349)*2 TEX-ECEW3 (Style 10389) *2
CSA (NRTL/C)	CAN/CSA-C22.2 No. 1-98 CSA Std C22.2 No. 66-1988 CAN/CSA-C22.2 No. 223-M91 CAN/CSA-C22.2 No. 234-M90 CAN/CSA-C22.2 No. 950-95 <u>CSA60950-1-03, CSA60065:03</u> IEC 950-2e-A3,A4, IEC 60950-3e <u>IEC 60950-1:2001</u> IEC 65-5e, IEC60065-6e <u>IEC 60065:2001 7e</u> UL 506, UL 1310, UL 1585 UL 1950-3e, UL 60950, UL 1411-4e	Master Contract 185274*4 (LR104155)	1000 Vrms 120°C (E)	TEX-E TEX-ELZ TEX-ECEW3
TUV Rheinland	EN 60950:1992+A1+A2+A3+A4 EN 60950:2000 <u>EN 60950-1:2002+A11</u> DIN VDE 0860:1989 <u>DIN EN 60950-1:2003</u> IEC 60950:1999, <u>IEC 60950-1:2001</u> EN 60065:1993, EN 60065:1998 <u>EN 60065:2002</u> IEC 60065:1998, <u>IEC 60065:2001</u>	T9251520	1000 Vrms TEX-E <u>B (130°C)</u> TEX-ELZ, ECEW3 E(120°C)	TEX-E TEX-ELZ TEX-ECEW3
BSI	<u>BS EN 60065:2002, IEC 60065:2001</u> Subclauses 8.17 (Annex H) <u>BS EN 60950-1:2002, IEC 60950-1:2001</u> Subclauses 2.10.5.4 (Annex U)	7762 7763	1000 Vrms 120°C	TEX-E
NEMKO	Annex U of EN 60950 3rd IEC 60851 series, EN 60065:6th+A1 <u>Annex U of EN 60950-1:2002</u> <u>Annex H of EN 60065:2002</u>	P02100583*5*6 (P97100261*6)	1000 Vrms E (120°C)	TEX-E P02100583 TEX-ELZ P97100261 TEX-ECEW3 P97100261
VDE	<u>DIN EN 60950-1</u> <u>(VDE 0805Teil 1):2003-03</u> <u>EN 60950-1:2001, IEC60950-1 ed.1</u> <u>DIN EN 60065 (VDE 0860):2003-01</u> <u>EN 60065:2002-03, IEC 60065:2001</u> <u>mod.</u>	VDE-Reg.-Nr.6735	1000 Vpeak 700 Veff Max. 500kHz Class E and <u>B</u>	TEX-E

- *1. TEX-E series are the insulated winding wire having Reinforced Insulation complying with subclause 2.10.5.4, Annex U of IEC 60950 3rd, IEC 60950-1 and subclause 8.17, Annex H of IEC 60065 7th. Normal Withstand Test Voltage is 3kVrms for 1 minute. TEX-E series also complies with 6kVrms for 1minute as a twisted pair.
- *2. UL changed the category of TEX-E series from OCDT2, AVLV2 to OBJT2. Therefore, TEX-E wires acquired new UL File No and the category. The product covered by E206440 (OBJT2) is quite the same as the product covered by E157568 (OCDT2) and E188643 (AVLV2). These product can be used compatibly each other.
- *3. When operation temperatures of the wound components exceed Class A (105C), it is required in accordance with appropriated Insulation System UL 1446/IEC 61857 regardless of temperature rating of each materials/wires.
- *4. Numbering system of CSA was revised at 2000. Legacy File number is compatible.
- *5. NEMKO reference Number of TEX-E wire was renewed. Legacy reference number is compatible.
- *6. NEMKO numbering might be renewed for update standards in future.
- (Note) TEX-E: Standard type, TEX-ELZ: Litz wire type, TEX-ECEW3: Self-bonding type