



ISO 9001:2008
REGISTERED



GT-9ISL-0250-2

250 VA Isolation Transformer



FOR INDOOR USE ONLY

FEATURES:

COMPLETE TRANSFORMER-BASED LINE ISOLATION, CONTINUOUS NOISE FILTERING AND ENHANCED COMMON MODE SURGE SUPPRESSION

SUPPORTS COMBINED LOADS UP TO 250 WATTS CONTINUOUS / 2.1A AT 120V

ISOLATION TRANSFORMER WITH FARADAY SHIELD OFFERS 100% ISOLATION FROM THE INPUT AC LINE

NEUTRAL TO GROUND BONDING AT THE SECONDARY ELIMINATES COMMON MODE NOISE AND PROVIDES AN ISOLATED GROUND REFERENCE FOR SENSITIVE EQUIPMENT

ISOLATION TRANSFORMER DESIGN SERVES AS AN INEXPENSIVE ALTERNATIVE TO THE INSTALLATION OF DEDICATED CIRCUITS AND SITE ELECTRICAL UPGRADES

REMOVES EMI/RFI NOISE, UTILITY SWITCHING TRANSIENTS, BACKGROUND SPIKES AND POWER PROBLEMS GENERATED BY OTHER ON-SITE LOADS, UTILITY GRID-SWITCHING AND LIGHTNING RELATED SURGES

LINE ISOLATION WITH ADDITIONAL SURGE SUPPRESSION COMPONENTS OFFER CONTINUOUS LINE FILTERING OF A FULL RANGE OF POWER LINE NOISE IN ALL MODES

ACTIVE FILTERING WITH NO WEARABLE PARTS REDUCES SURGES IN THE WORST OF POWER ENVIRONMENTS TO HARMLESS LEVELS

INCLUDES 2 WIDELY-SPACED NEMA5-15R OUTPUT RECEPTACLES, 6 FT POWER CORD, CIRCUIT BREAKER OVERLOAD PROTECTION AND LIGHTED POWER SWITCH

RUGGED ALL-METAL HOUSING SHIPS READY FOR UPRIGHT TOWER OR WALLMOUNT INSTALLATION

2 YEAR PRODUCT WARRANTY



ELECTRICAL SPECIFICATIONS:

NOMINAL VOLTAGE / FREQUENCY:

120V / 60HZ

VA / WATT CAPACITY:

250

CURRENT CAPACITY:

2.1A AT 120V AC

TRANSFORMER TYPE:

LOW IMPEDENCE TRANSFORMER-BASED LINE ISOLATION TRANSFORMER

DIELECTRIC WITHSTAND VOLTAGE:

4242 VDC PRIMARY-SECONDARY

TOTAL HARMONIC DISTORTION:

LESS THAN 1%

OVER CURRENT PROTECTION:

YES, 2A CIRCUIT BREAKER

OUTPUT RECEPTACLE QTY / TYPE:

2 NEMA5-15R OUTLETS

INPUT PLUG TYPE:

NEMA5-15P PLUG

INPUT CORD LENGTH:

6.00 FT. / 1.83 M

EFFICIENCY:

96%

SUPPRESSION JOULE RATING:

680 JOULES TOTAL (510 JOULES INPUT / 170 JOULES OUTPUT)

NOISE SUPPRESSION RATING:

35-65 DB

SURGE TEST CONDITIONS:

PER ANSI/IEEE C62.41 - IEEE587 CAT. A & B TEST WAVEFORMS

LET-THROUGH VOLTAGE (RING WAVE):

L-N: 20V L-G: 20V N-G: 0.5V

LET-THROUGH VOLTAGE (COMBINATION WAVE):

L-N: 250V L-G: 250V N-G: 0.5V

COOLING METHOD:

CONVECTION

FORM FACTOR:

SMALL TOWER FORMAT, WALL MOUNTABLE

UNIT DIMENSIONS:

(HWD/IN.) 4.5 X 4.75 X 7.75

SHIPPING WEIGHT:

13.80 LBS. / 6.26 KG

WARRANTY:

2 YEAR WARRANTY

SAFETY APPROVALS:

DESIGNED TO MEET UL, CUL TO UL 1012, EMI: FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED

OPERATING TEMPERATURE:

0 TO 40° C TEMPERATURE RISE: < 70° C FOR RATED LOAD.

STORAGE TEMPERATURE:

-20° TO 80° C

HUMIDITY:

0 TO 90% RELATIVE HUMIDITY

OUTPUT VOLTAGE / CURRENT:

NORTH AMERICAN BLADE CONFIGURATION

OUTPUT
VOLTAGE
(VAC)

OUTPUT
CURRENT
(mA)

RATED
OUTPUT
POWER (W)

MODEL
NUMBER

GT-9ISL-0250-2

120

2100

250

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE. CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.

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