



XFR-300 Autotransformer

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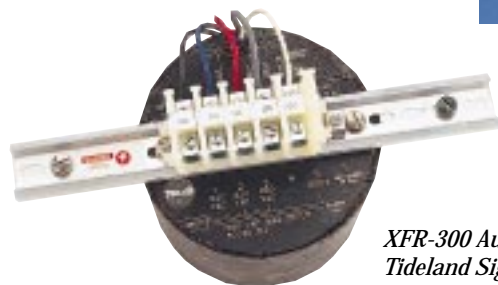
The XFR-300 Autotransformer permits use of 220, 230 or 240 VAC mains power with a standard ML-300 MaxLumina® Marine Signal Lantern equipped with an LC-300 Lamp-changer or a FLAC-300/LC-300 Flasher/Lampchanger.

The XFR-300 accepts from 220 VAC to 240 VAC within a frequency range of 50 to 60 Hz. An input of 220, 230 or 240 VAC results in a lamp voltage of 120 VAC.

Installation

Tideland Signal's XFR-300 Autotransformer unit fits securely into the base of a ML-300 lantern. Field wiring connections are made to a heavy duty terminal strip attached to the epoxy case of the autotransformer. The terminal strip rail serves as a mount for attaching the unit to the base of the lantern. Two screws are supplied to hold the rail to pretapped embossments cast into the lantern base.

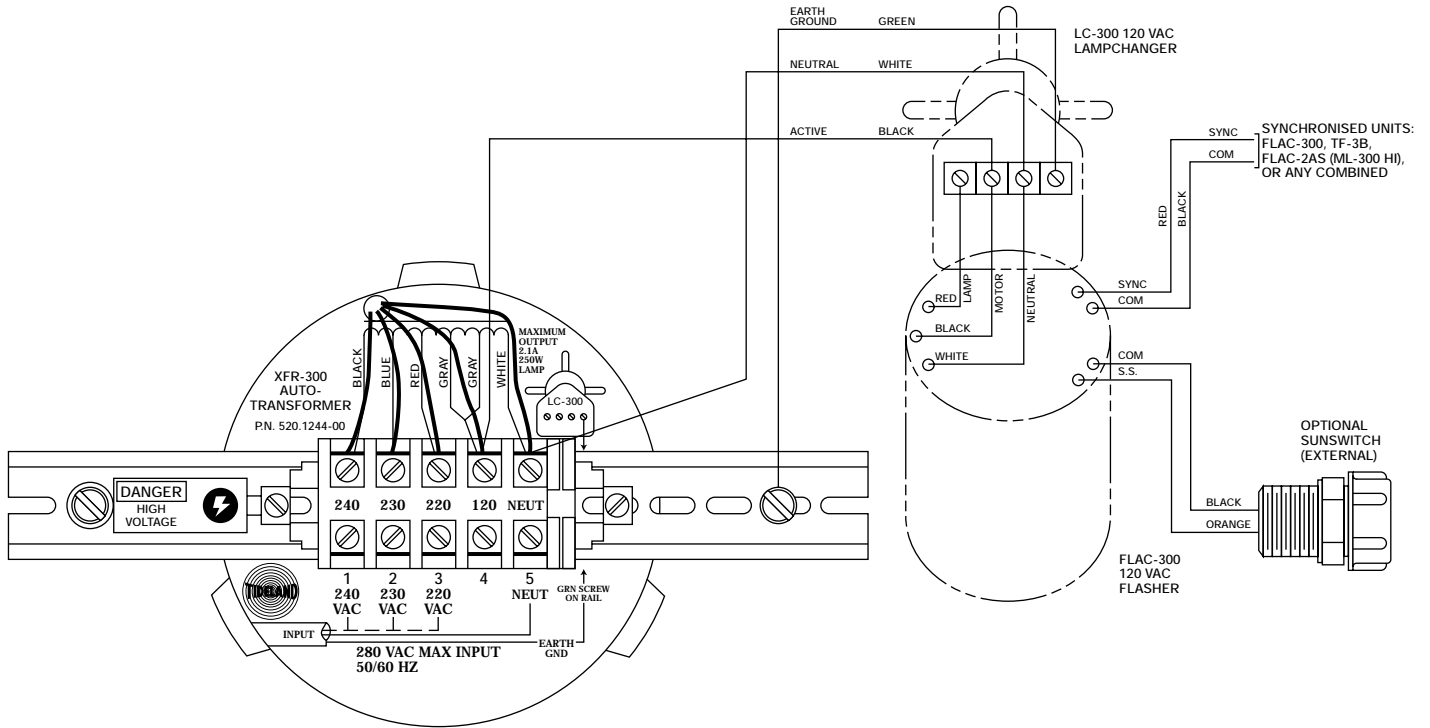
XFR-300 Autotransformer installed in the ML-300 MaxLumina Marine Signal Lantern with FLAC-300/LC-300 Flasher/Lampchanger.



*XFR-300 Autotransformer,
Tideland Signal P.N. 520.1244-00*

WIRING DIAGRAM

Wiring for Autotransformer and FLAC-300/LC-300 Flasher/Lampchanger



SPECIFICATIONS

Ambient Operating Temperature Range	-40° to +70°C
Input Voltage (Nominal)	220, 230, 240 VAC, single-phase (280 VAC max.)
Output Voltage (Nominal)	120 VAC, single-phase
Output Current	2.33 amperes max.
Frequency Range	50 to 60 Hz
Core Loss (250 watt lamp)	3.8 VA @ 220 VAC, 3.1 VA @ 230 VAC, 2.4 VA @ 240 VAC input
Hypot Test	1500 VDC



Tideland Signal Corporation maintains ISO 9001 accreditation. It is company policy to provide products and services that meet the highest standards of quality in the industry.

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