

GENERAL DESCRIPTION

The Low Voltage Transfer Circuit is designed to allow the user to combine their existing low voltage lighting with a 12 VDC emergency unit power pack such as Chloride's CPM Series. The low voltage lighting may continue to be controlled by a wall switch or dimmer control for normal usage. In the event of utility power failure, the Low Voltage Transfer Circuit will allow the 12 volt emergency power unit to supply power directly to the lamps of the low voltage lighting fixture. The LVTC meets the Buy American requirements.

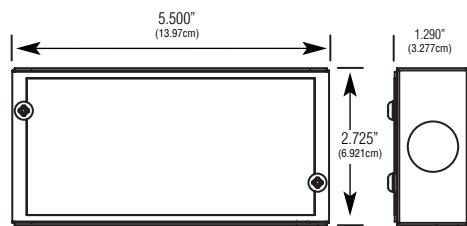
ILLUMINATION

The Low Voltage Transfer Circuit is a two channel device providing switching for up to 75 watts per channel.

INSTALLATION

Two #8 sheet metal screws are provided for mounting the Low Voltage Transfer Module. Three knockouts are provided for the attachment of conduit. A grounding lead is supplied inside the housing. The LVTC is listed for use in insulated ceilings (IC Rated).

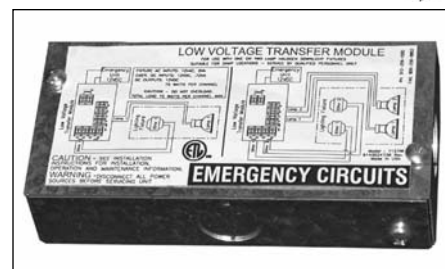
DIMENSIONS



Dimensions are approximate and subject to change.

LVTC

Low Voltage Transfer Circuit For Use with Low Voltage Down-lighting 2x 75 Watt Channels



SHOWN: LVTC

HOUSING

Housing and cover are constructed of 20 gauge galvanized steel. Three knockouts for conduit attachment are provided. A grounding lead is provided inside the housing.

ELECTRONICS

Load

Reverse Polarity protected with low battery voltage disconnect (standard in all Chloride emergency battery units).

Special Requirement

Determine the maximum wattage draw of the down-light fixture and be certain that the 12 VDC emergency supply unit equipment is capable of sustaining that load for a minimum of 90 minutes as required by code.

ELECTRICAL SPECIFICATIONS

Input Power Requirements at 12 VAC

.72 Watts

Output Power Requirements at 12 VDC

2 channel at 75 watt maximum each

CODE COMPLIANCE

Listed for Insulated Ceiling Systems (IC Rated)

Damp location listing standard 32°F (0°C) to 122°F (50°C)

ETL Listed to UL 924 standards

WARRANTY

Three years full warranty

OPERATING TEMPERATURE RANGE

32°F (0°C) to 122°F (50°C)

ORDERING INFORMATION

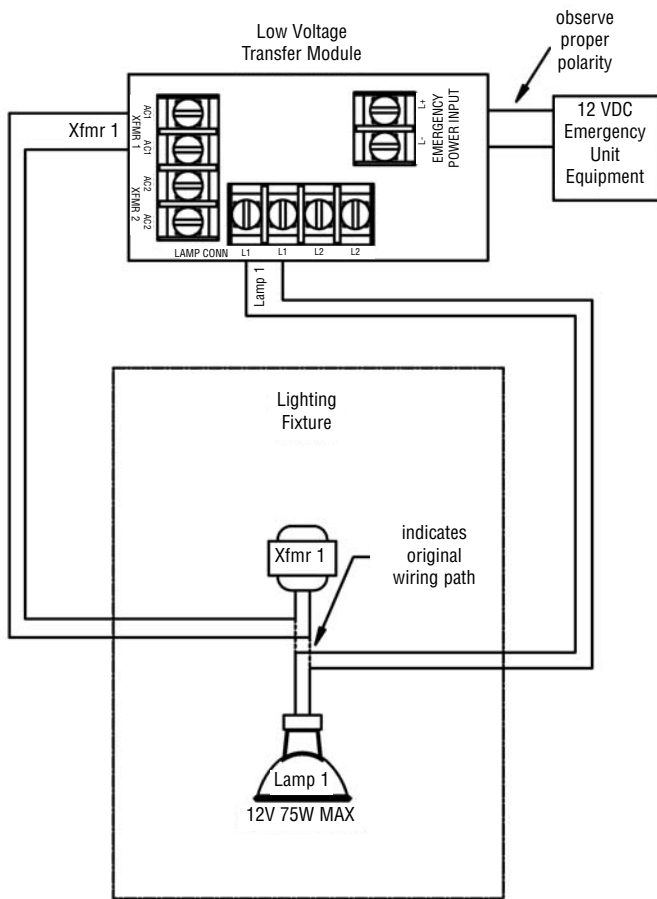
LVTC

SERIES

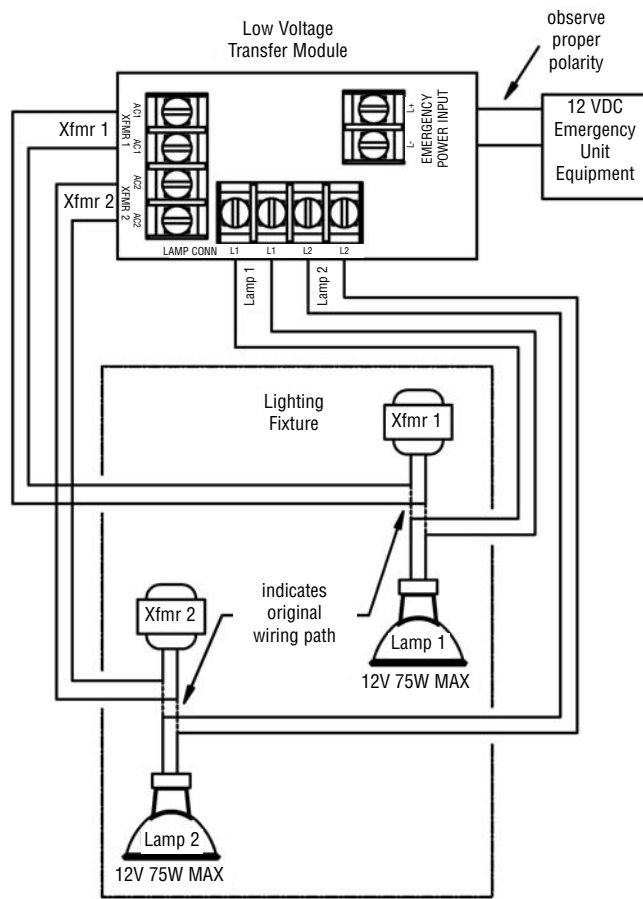
LVTC = Low Voltage Transfer Circuit

Specification Data for Low Voltage Transfer Circuit

ONE LAMP INSTALLATION



TWO LAMP INSTALLATION



SUGGESTED SPECIFICATION

Furnish and install Chloride's model _____ . The unit shall be constructed to meet Underwriters Laboratories, Inc. Standard 924 and the National Electrical Code (NEC).

INSTALLATION AND OPERATION – Unit shall be easily field connected to low voltage down-lighting and 12 volt emergency power unit. Installation must comply with the NEC as well as other applicable codes. Upon utility power failure, the unit shall automatically transfer 12 volt emergency power from an external source to low voltage down-lighting.

TRANSFER CIRCUITRY – Unit shall have two channels capable of switching up to 75 watts each.

ILLUMINATION – Unit shall be capable of transferring 75 watts of emergency load per channel. The product shall have two independently fused output circuits.

HOUSING – Housing construction shall be of 20 gauge galvanized steel. The unit shall be supplied with three knockouts for the attachment of conduit. The unit shall bear an Insulated Ceiling Rating (IC Rated) and be damp location listed with an application temperature range of 32°F (0°C) to 122°F (50°C).



CHLORIDE
SYSTEMS

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