

VOLTRON™

NEW solid-STATE ALARM FOR ELECTRICAL SYSTEM MALFUNCTION



VOLTRON™ is a simple, reliable electronic module which senses the condition of the battery as well as the charging system in a boat or vehicle. It continuously monitors the voltage in the system and warns the operator by means of a warning light if the voltage exceeds or falls below preset limits.

High system voltage—excessive charging rate—can damage batteries and other electrical system components. Low voltage can contribute to the gradual loss of battery charge, even if it is not sufficiently low to actuate the conventional NO CHARGE light. Voltron guards against both conditions.

The Voltron module is designed for instrument panel mounting. This compact unit is supplied with a two-wire mating harness, one wire of which is connected to the solenoid terminal of the starting switch and the other to ground. High and low voltage limits are preset to your specifications. The standard Voltron model 1700-1 is preset to high and low voltage limits of 15.5 and 12.0. Other models are available with other voltage limits.

Voltron model 1700-10 incorporates a delay circuit which keeps the VOLTS warning light on for eight seconds in the event of an instantaneous voltage fluctuation. This insures the operator's attention and provides early warning of a problem condition.

Patents are pending on Nartron's new Voltron voltage sensor.

"...we turn things on..."

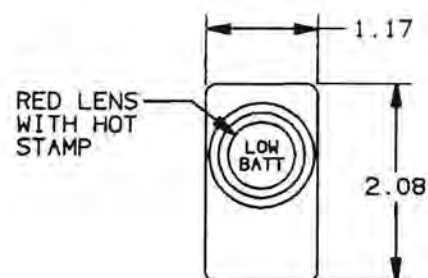
NARTRON®

CORPORATION

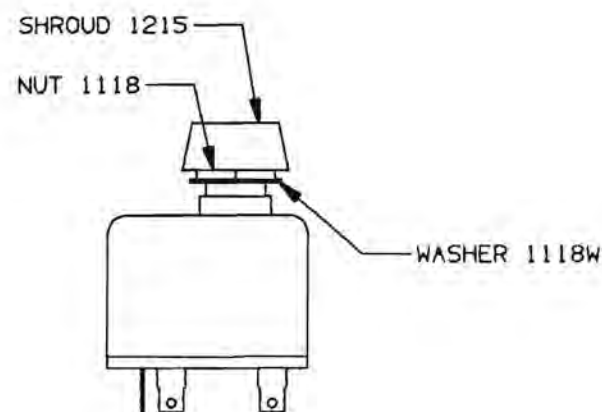
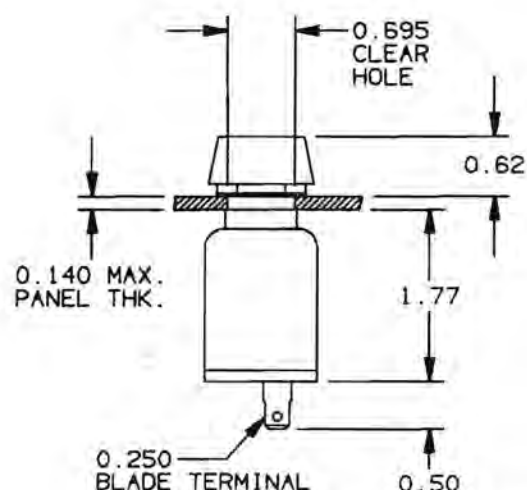
Reed City, Mich. 49677

(231)832-5525

REV	DATE	BY	DESCRIPTION
A			RELEASED



VOLTRON MODULES	LOW LIMIT	HIGH LIMIT	DELAYED TURN OFF	LENS	LAMP CHECK
1700-1	12.0-12.5	16.0-16.5	NONE	VOLTS	YES
1700-10	12.0-12.5	16.0-16.5	10-20 SEC.	VOLTS	YES
1700-30	8.3-8.8	20V MIN.	10-20 SEC.	LOW VOLTS	YES
1700-240	18.6-17.6	30.0-31.0	10-20 SEC.	VOLTS	YES
1700-70	10.5-11.0	16.0-16.5	10-20 SEC.	LOW BATT	YES

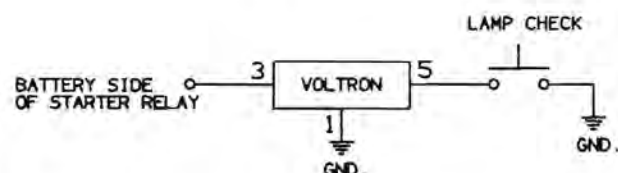
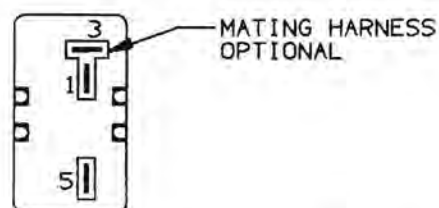


HARNES	DESCRIPTION
1700-10WH	114 INCH RED W/20 GA. FUSELINK & 12 INCH BLACK
1700-11WH	24 INCH EA. - 1 BLACK & 1 WHITE

KITS	DESCRIPTION
1700-11D	1700-10 AND 1700-11WH HARNES
1700-12D	1700-30 AND 1700-10WH HARNES
1700-13D	1700-10 AND 1700-10WH HARNES
1700-14D	1700-70 AND 1700-10WH HARNES

1700-6D Replaced by 1700-7D

1700-10D Replaced by 1700-14D



DRAWN	DATE	REQ'D	ITEM	PART NO.	DESCRIPTION
		DO NOT SCALE		LIST OF MATERIALS	
CHECKED	DATE	DIMENSIONS ARE IN INCHES		NARTRON REED CITY, MI 49677 DIVISION	
APPROVED	DATE	TOLERANCE UNLESS OTHERWISE SPECIFIED			
MATERIAL		2 PLACE DECIMALS ±0.02		NAME VOLTRON	
		3 PLACE DECIMALS ±0.005			
NEXT ASSEMBLY		ANGLES ±1/2°		SCALE NTS	NO 1700
		THDS. INT 2B EXT 2A		SHEET 1 OF 1	