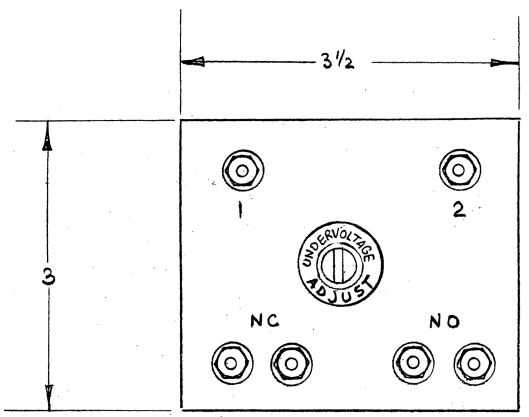


ZONE		LTR		DESCRIPTION	DATE	APPROVED
		A		MODEL 420DC-4 ADDED	2-28-80	<i>EC</i>

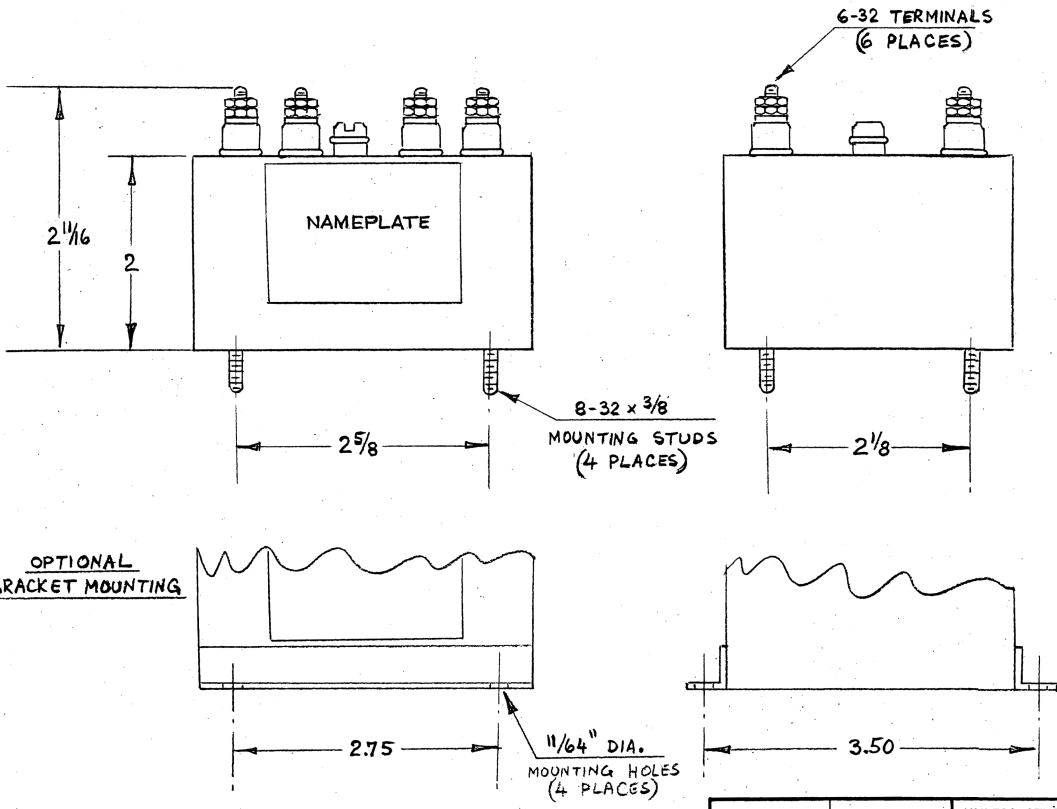


CONNECTIONS

- 1-2 SENSING VOLTAGE - DC
TERMINAL 1 - POSITIVE (+)
TERMINAL 2 - NEGATIVE (-)
- NC NORMALLY CLOSED CONTACTS
- NO NORMALLY OPEN CONTACTS

SPECIFICATIONS

SUPPLY (SENSING) VOLTAGE : TABLE BELOW
 DROP-OUT VOLTAGE : SCREWDRIVER ADJUSTABLE.
 SEE TABLE BELOW FOR ADJUST. RANGE .
 CONTACTS RATING : 5 A RESISTIVE AT 28VDC OR 120VAC
 CONTACTS FORM : ONE SET N.O., ONE SET N.C.
 PICK-UP TO DROP-OUT DIFFERENTIAL : 3% MAXIMUM
 OPERATION : THE N.C. CONTACTS OPEN , AND THE N.O. CONTACTS
 CLOSE AT NOMINAL VOLTAGE AND OVERVOLTAGE,
 AND DROP OUT BELOW THE SET POINT.
 CONSTRUCTION : SOLID STATE SENSOR WITH A RELAY OUTPUT
 IN A SEALED STEEL CAN .



MODEL		NOMINAL VOLTAGE	DROP-OUT ADJUST RANGE
STUD MOUNTING	BRACKET MOUNTING		
410DC	410DC-X	28VDC	16 - 29 VDC
420DC	420DC-X	60VDC	40 - 65 VDC
430DC	430DC-X	120VDC	85 - 120 VDC
440DC	440DC-X	240VDC	180 - 240 VDC
450DC	450DC-X	305VDC	230 - 305 VDC
460DC	460DC-X	405VDC	315 - 405 VDC
420DC-4	420DC-4X	48VDC	32 - 48 VDC

CUSTOMER DRAWING
 410DC 1618083-1
 430DC 1618085-1
 420DC-4X 1618084-3

NOTES:
 1. REMOVE SCREW FOR ACCESS TO
 DROP-OUT ADJUST .

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ± 1/32 ± .010 ± 1/2° BREAK ALL SHARP EDGES .015 MAX. AND DEBURR MATERIAL:
NEXT ASSY	USED ON	
APPLICATION		

QTY REQD	SYM	DESCRIPTION	CODE IDENT NO.	PART NO.	SPEC	MATERIAL OR NOTE	ITEM NO.
LIST OF MATERIAL							
CONTRACT NO.		WILMAR ELECTRONICS, INC. TORRANCE, CALIFORNIA					
DRAWN	E.R.H	2-24-70	TITLE				
CHECKED	J.Ch	2-27-70	UNDervOLTAGE RELAY - DC 400 DC SERIES				
DESIGN APPROVAL							
PROJECT APPROVAL							
DESIGN ACTIVITY APPROVAL	SIZE	CODE IDENT NO.	DWG NO.				
	C	25248	21-077				
APPROVAL	SCALE	WEIGHT	SHEET				