

NOTES

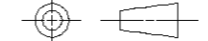
- 1 - COINCIDENCE OF OPERATION AND RELEASE POINTS: .010 OF PLUNGER TRAVEL
- 2 - CORROSION RESISTANT STEEL ENCLOSURE AND PLUNGER
- 3 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 4 PRINT CIRCUIT DIAGRAM, CATALOG LISTING, AND DATE CODE ON NAMEPLATE
- 5 PLASTIC MATERIAL(S) CONFORM TO MIL-M-14 OR MIL-M-24519
- 6 6X LEAD WIRE PER BMS 13-48, TYPE VIII, CLASS 1, 24 GAGE.
- 7 - SHOCK PER MIL-PRF-8805 SYMBOL M
- 8 - VIBRATION PER MIL-PRF-8805 GRADE 1
- 9 - MINIMUM MECHANICAL LIFE: 100,000 CYCLES
- 10 - MINIMUM ELECTRICAL LIFE: 25,000 CYCLES AT RATED LOAD
- 11 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- 12 INITIAL OPERATION OF THE SWITCH WILL OCCUR WITHIN THE PRETRAVEL SPECIFICATION AND RELEASE PER THE CLICK DISTANCE SPECIFICATION. CLICK DISTANCE IS THE DISTANCE THE PLUNGER RETURNS FROM THE DOWNWARD STROKE TO THE POINT OF CIRCUIT TRANSFER
- 13 INSTALLATION OF THE SWITCH SHOULD DEPRESS THE PLUNGER A MINIMUM OF THE SUM OF THE PRETRAVEL AND THE CLICK DISTANCE. IF THE PLUNGER TRAVEL IS LESS THAN THIS SUM, THE CLICK DISTANCE WILL BE EQUAL TO PLUNGER TRAVEL MINUS THE PRETRAVEL MINUS APPROXIMATELY .010
- 14 - THE SWITCH WILL SELF ADJUST TO THE PROPER RELATIONSHIP WITH THE ACTUATOR UPON COMPLETION OF THE FIRST CYCLE. THIS RELATIONSHIP WILL REMAIN CONSTANT UNTIL THE ACTUATOR HAS A GROSS CHANGE IN DISPLACEMENT. THE SWITCH MAY THEN BE REINSTALLED TO THE NEW OR OLD ACTUATOR DISPLACEMENT AND ONCE AGAIN IT WILL SELF ADJUST TO THE PROPER RELATIONSHIP
- 15 BASICS PER MS24547-4 (SILVER); MS24547-5 (GOLD)

CATALOG LISTING
HS-1083
PAGE 1 OF 1
RELEASE NO. PR-24198
REPLACES
ISSUE 3
CHECK
REVISIONS
A 0001506
GLH
24 SEP 03
B ECO
0002790
RS
06 JAN 04
CHECK
J A F 17 AUG 99
CHECK
C S L 17 AUG 99
DRAWN
RASTER

ANSI Y14.5M-1982 APPLIES

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THIRD ANGLE PROJECTION



CHARACTERISTICS	ELECTRICAL DATA		SCALE 2:1
	CONTACT ARRANGEMENT		
PRETRAVEL - - - - - .040 MAX	2X SPDT		DO NOT SCALE PRINT
OPERATING FORCE - - - - - 5-30 LBS	28 VDC		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
TOTAL TRAVEL - - - - - .125 MIN	LOAD (AMPS)	SEA LEVEL	ONE PLACE (.0) ±.030
CLICK DISTANCE - - - - - .050 MAX		50,000 FT	TWO PLACE (.00) ±.015
RELEASE FORCE - - - - - 4 LB MIN	CONTACT	SILVER	THREE PLACE (.000) ±.005
ACTUATOR FORCE - - - - - 30 LB MAX	RESISTIVE	7	ANGLES ± 4°
	INDUCTIVE	4	WEIGHT
	MOTOR	4	