DO NOT SCALE PRINT

MTG-GS-251 | REPLACES (M) GS SERIES CHART I | DRAWING NUMBER CO/542 | RELEASE NUMBER 4 | ISSUE

REVISIONS

2	CO/703	IW 11/98
3	0022231	BNA 31MAY06
4	0094575	SBH 09OCT12

Honeywell

GLOBAL SAFETY SWITCH

CATALOGUE LISTING CHART NO.

MTG-GS-251

FIGURE 1

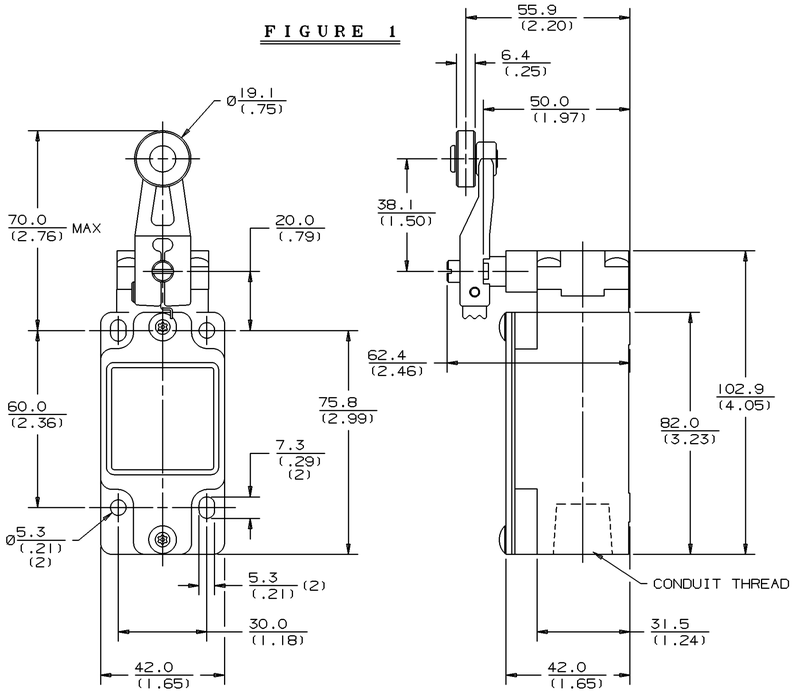
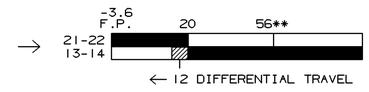
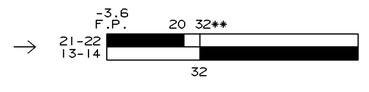
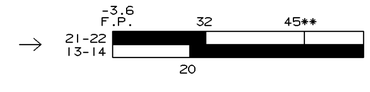
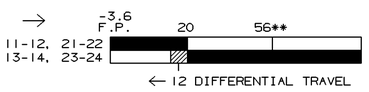
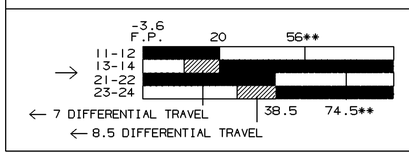


FIGURE 2

BASIC SWITCH	CONTACT BLOCK DIAGRAM
01, 07	SNAP ACTION SINGLE POLE
03, 33	SLOW ACTION BREAK BEFORE MAKE
04, 34	SLOW ACTION MAKE BEFORE BREAK
06, 36	SLOW ACTION 2 NORMALLY CLOSED
20, 22	SNAP ACTION DOUBLE POLE
21, 28	SNAP ACTION DOUBLE POLE SEQUENTIAL

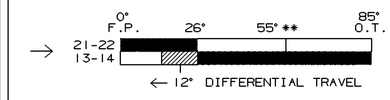
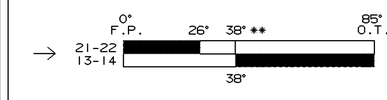
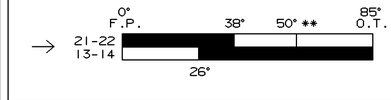
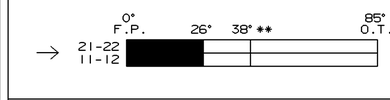
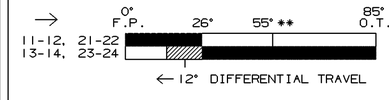
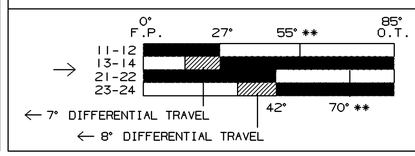
CAM ACTUATION PER EN50041

NOMINAL TRAVELS AND RELATED TERMINALS
■ - CONTACT CLOSED ▭ - CONTACT OPEN ▨ - CONTACT CLOSED
DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1
DIMENSIONS IN mm

	MAXIMUM OPERATING FORCE N / LB	MAXIMUM DISCONNECT FORCE N / LB
	9.7 / 2.2	11.4 / 2.6
	9.7 / 2.2	11.4 / 2.6
	9.7 / 2.2	11.4 / 2.6
	9.7 / 2.2	11.4 / 2.6
	9.7 / 2.2	11.8 / 2.7
	9.7 / 2.2	N/A

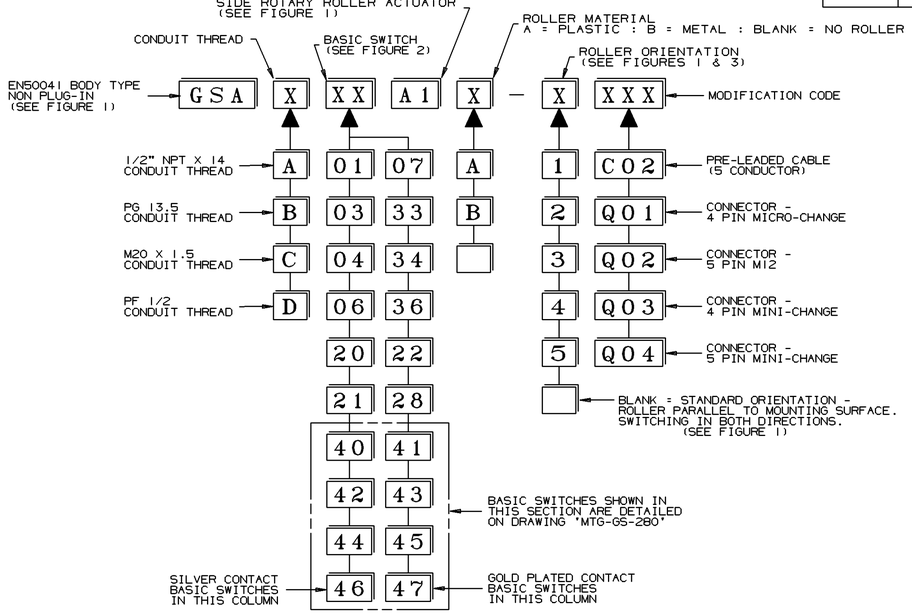
ANGULAR ACTUATION

NOMINAL TRAVELS AND RELATED TERMINALS
■ - CONTACT CLOSED ▭ - CONTACT OPEN ▨ - CONTACT CLOSED
DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1
DIMENSIONS IN mm

	MAXIMUM OPERATING TORQUE NM / LB-IN	MAXIMUM DISCONNECT TORQUE NM / LB-IN
	.330 / 2.9	.385 / 3.4
	.330 / 2.9	.385 / 3.4
	.330 / 2.9	.385 / 3.4
	.330 / 2.9	.385 / 3.4
	.330 / 2.9	.400 / 3.5
	.330 / 2.9	N/A

MIN. OPERATING VELOCITY = 8.5mm/S (0.33in/S)
MAX. OPERATING VELOCITY = 0.85M/S (33.5in/S)
MAX. OPERATING FREQUENCY = 250 OPS/MINUTE

MIN. OPERATING ACTUATION = 13°/SECOND
MAX. OPERATING ACTUATION = 1290°/SECOND
MAX. OPERATING FREQUENCY = 250 OPS/MINUTE



NOTES:-

1. RED EPOXY PAINT FINISHED ZINC DIE-CAST BODY AND STEEL COVER. BLACK EPOXY PAINT FINISHED ZINC DIE-CAST HEAD.
2. FREE POSITION (F.P.), OPERATING POINT, OVERTRAVEL (O.T.) AND PRETRAVEL ALL TO EN50041.
3. ANY STANDARD LISTING WITH SUFFIX 'RS' OR 'FE' IS PERMITTED.
4. FOR CONNECTION DIAGRAMS AND ADDITIONAL ELECTRICAL, DIMENSIONAL AND ENVIRONMENTAL INFORMATION REFER TO DRAWING GL-49212.
5. LEVERS MAY BE ATTACHED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYED, ANYWHERE ON THE SHAFT.
6. HEAD AND COVER FIXED WITH TORX® SOCKET HEAD SCREWS (DRIVER SUPPLIED).

NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT NEWHOUSE/FREEPORT APPROVAL

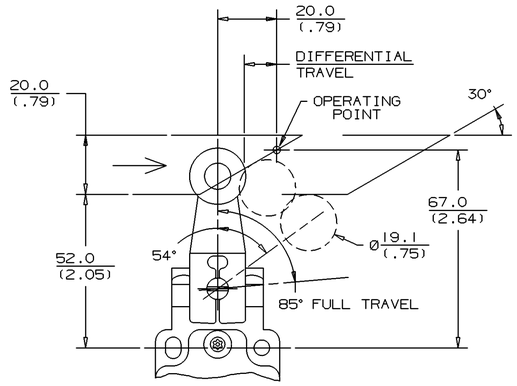
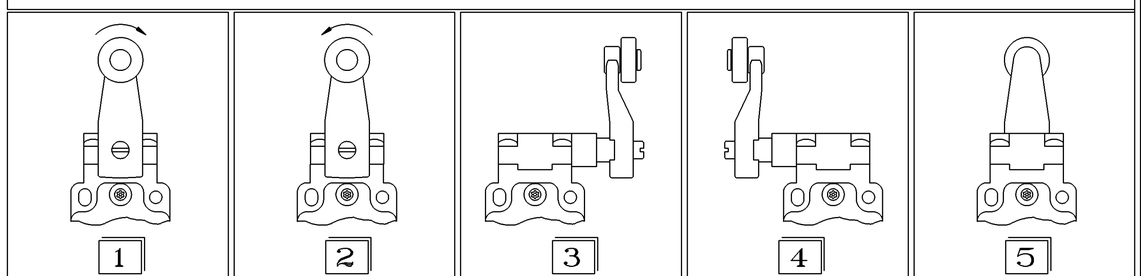


FIGURE 3



IEC 947-5-1 ELECTRICAL RATING						GOLD PLATED CONTACTS	ENVIRONMENTAL	APPROVALS
SILVER CONTACTS								
AC		AC(FOR 2NC)		DC				
A600 Ue	AC15 Ie	A300 Ue	AC15 Ie	Q300 Ue	DC13 Ie			
VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS	I_{th} = 10A	IP67 NEMA/UL 1, 4, 12, 13	UL, CSA
120	6	120	6	24	2.8		TEMP RANGE : -25°C TO 85°C / -13°F TO 185°F	
240	3	240	3	125	0.55	1V 10µA MIN.	STORAGE : -40°C TO 85°C / -40°F TO 185°F	
380	1.9			250	0.27		SHOCK : 50G PER IEC 68-2-27	IEC 947-5-1
480	1.5					50V 100mA MAX.	VIBRATION : 10G PER IEC 68-2-6	EN50041
500	1.4							
600	1.2							

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THIRD ANGLE PROJECTION

SCALE:- 1/1

DIMENSIONS ARE IN MM (INCHES)

MODIFY ON CAD SYSTEM ONLY

DRAWN I. WEIR 7/98
CHECK
DESIGN
AUTHOR'N