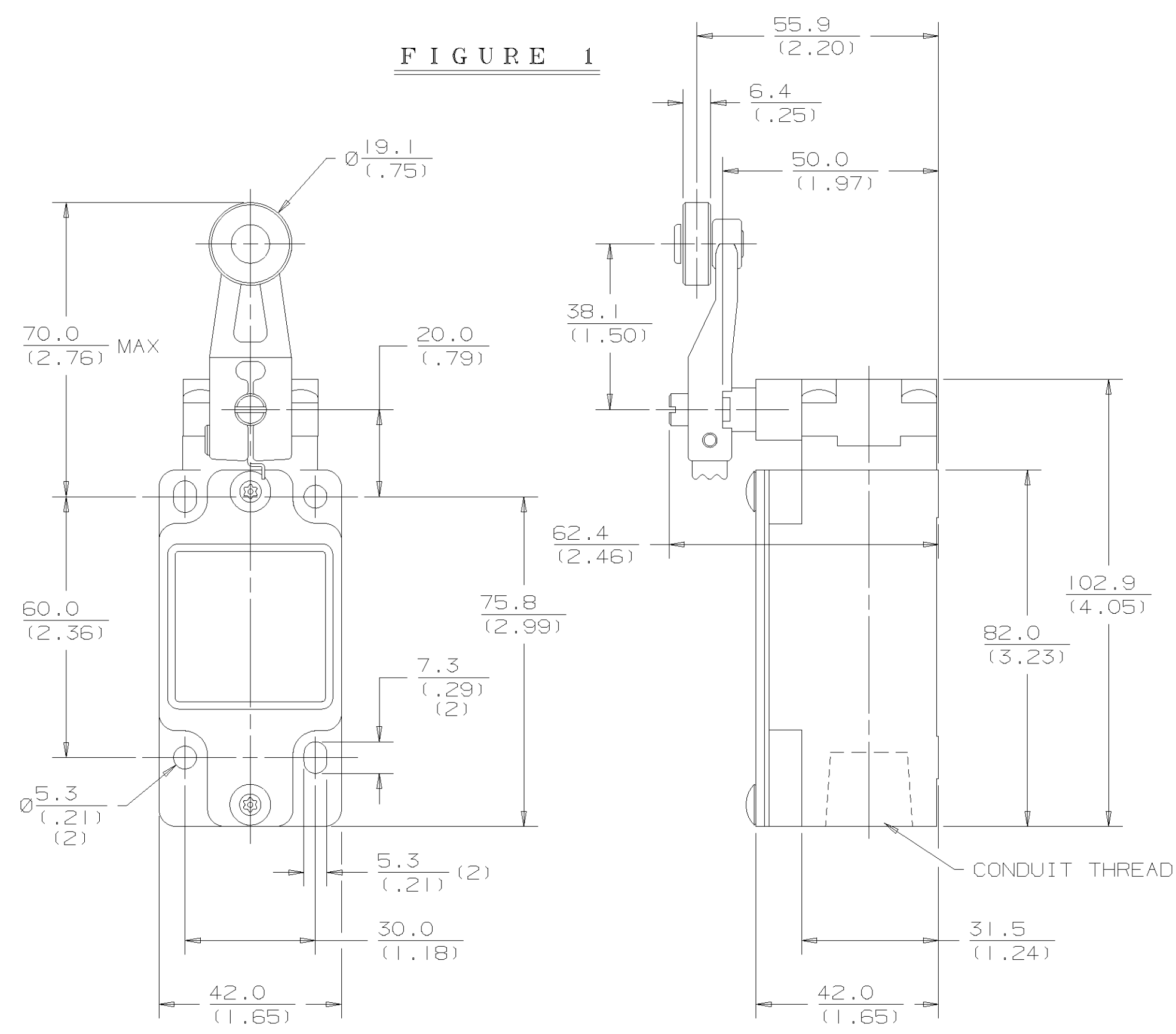


Honeywell

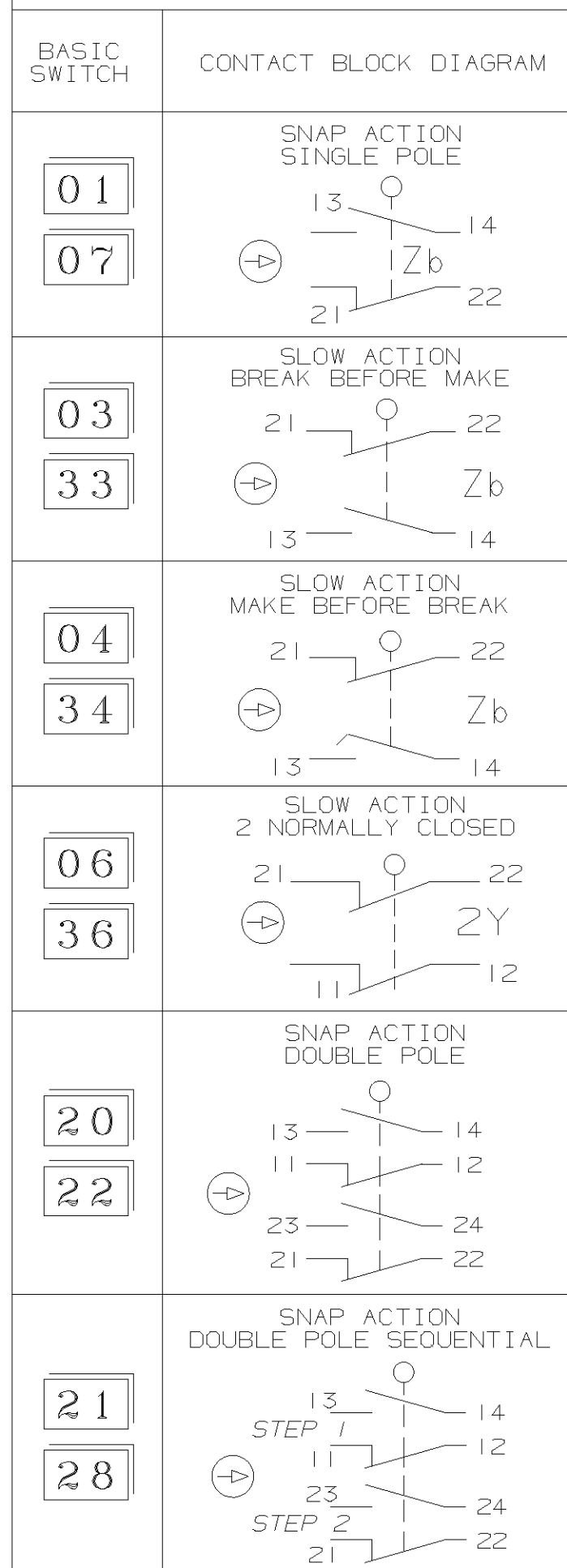
GLOBAL SAFETY SWITCH	CATALOGUE LISTING CHART NO. MTG-GS-251
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CATALOGUE LISTING
CHART NO.

FIGURE 1



F I G U R E 2



CAM ACTUATION PER EN50041

NOMINAL TRAVELS AND RELATED TERMINALS		MAXIMUM OPERATING FORCE	MAXIMUM DISCONNECT FORCE
■ - CONTACT CLOSED □ - CONTACT OPEN ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm		$\frac{N}{LB}$	$\frac{N}{LB}$
→	$\overline{-3.6}$ F.P. 20 56** 21-22 13-14 20 56** 32** ← 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$
→	$\overline{-3.6}$ F.P. 20 32** 21-22 13-14 32 32** 32	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$
→	$\overline{-3.6}$ F.P. 32 45** 21-22 13-14 20 32 45** 32	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$
→	$\overline{-3.6}$ F.P. 20 32** 21-22 11-12 20 32** 32	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$
→	$\overline{-3.6}$ F.P. 20 56** 11-12, 21-22 13-14, 23-24 20 56** 32 ← 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.8}{2.7}$
→	$\overline{-3.6}$ F.P. 20 56** 11-12 13-14 21-22 23-24 20 38.5 74.5** 32 ← 7 DIFFERENTIAL TRAVEL 38.5 74.5** ← 8.5 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	N/A

ANGULAR ACTUATION

NOMINAL TRAVELS AND RELATED TERMINALS		MAXIMUM OPERATING TORQUE		MAXIMUM DISCONNECT TORQUE	
DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm		NM LB-IN		NM LB-IN	
→	0° F.P. 26° 55° ** 85° O.T. 21-22 13-14 ← 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4		
→	0° F.P. 26° 38° ** 85° O.T. 21-22 13-14 38°	.330 2.9	.385 3.4		
→	0° F.P. 38° 50° ** 85° O.T. 21-22 13-14 26°	.330 2.9	.385 3.4		
→	0° F.P. 26° 38° ** 85° O.T. 21-22 11-12	.330 2.9	.385 3.4		
→	0° F.P. 26° 55° ** 85° O.T. 11-12, 13-14, 21-22 23-24 ← 12° DIFFERENTIAL TRAVEL	.330 2.9	.400 3.5		
→	0° F.P. 27° 55° ** 85° O.T. 11-12 13-14 21-22 23-24 ← 7° DIFFERENTIAL TRAVEL ← 8° DIFFERENTIAL TRAVEL 42° 70° **	.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

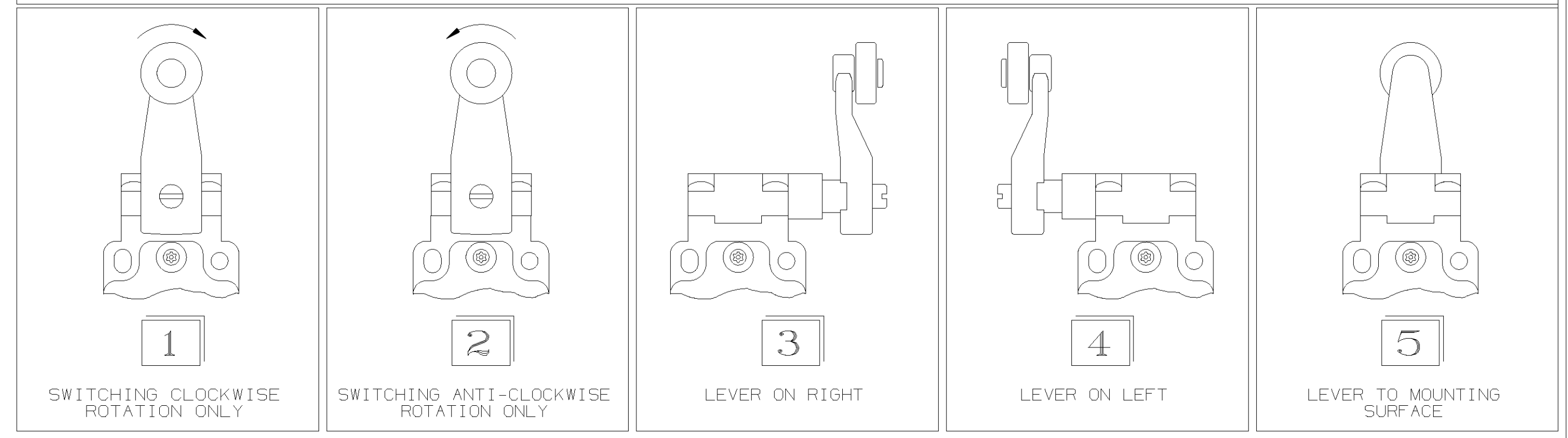
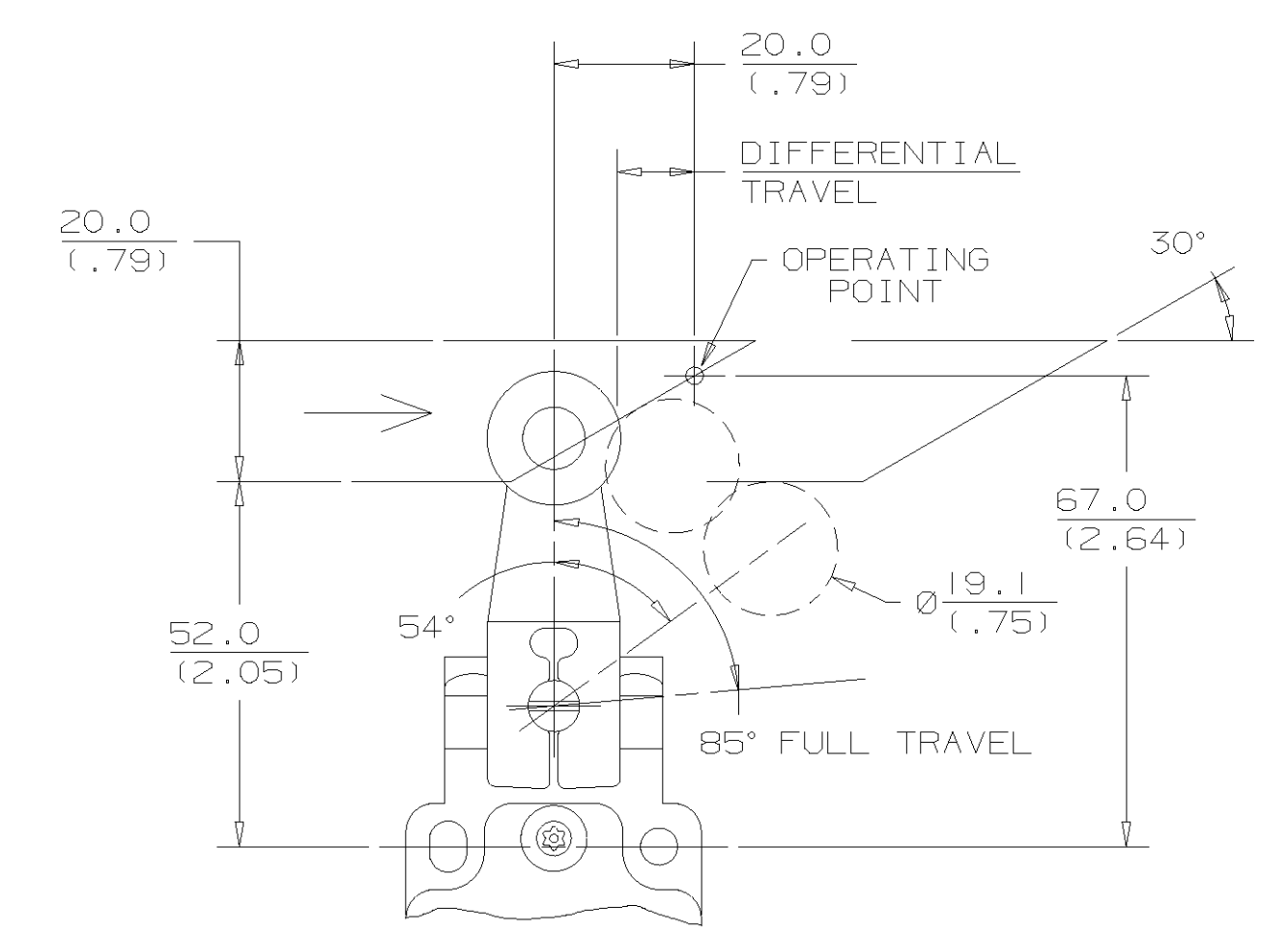
MIN. OPERATING ACTUATION = 13° /SECOND
MAX. OPERATING ACTUATION = 1290° /SECOND
MAX. OPERATING FREQUENCY = 250 OPS/MINUTE

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 ENS0041.
 3. ANY STANDARD LISTING WITH SUFFIX 'RS' OR 'FE' IS PERMITTED.
 4. LEVERS MAY BE ATTACHED TO THE SHAFT AT 90° INCREMENTS. THEY
MAY ALSO BE ATTACHED, BUT NOT KEYED, ANYWHERE ON THE SHAFT.
 5. HEAD AND COVER FIXED WITH TORX® SOCKET HEAD SCREWS (DRIVER SUPPLIED).
-  **BG** APPROVAL APPLIES TO ALL LISTINGS EXCEPT THOSE CONTAINING BASIC
SWITCHES 20, 22, 21 & 28.

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

F I G U R E 3



IEC 947-5-1 ELECTRICAL RATING						GOLD PLATED CONTACTS		ENVIRONMENTAL		APPROVALS	
SILVER CONTACTS						$I_{th} = 10A$ $1V\ 10\mu A\ MIN.$ $50V\ 100mA\ MAX.$		IP67 NEMA/UL 1, 4, 12, 13 TEMP RANGE : -25°C TO 85°C -13°F TO 185°F STORAGE : -40°C TO 85°C -40°F TO 185°F SHOCK : 50G PER IEC 68-2-27 VIBRATION : 10G PER IEC 68-2-6		CE UL SIP BG IEC 60947-5-1 EN50041	
AC		AC(FOR ZNC)		DC							
A600 U _e	AC15 I _e	A500 U _e	AC15 I _e	O300 U _e	DC13 I _e						
VOLTS 120 240 380 480 500 600	AMPS 5 3 1.9 1.5 1.4 1.2	VOLTS 120 240 380 480 500	AMPS 5 3 1.9 1.5 1.4	VOLTS 120 240 380 480 500	AMPS 5 3 1.9 1.5 1.4						
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						DIMENSIONS ARE IN		MM (INCHES)		MODIFY ON CAD SYSTEM ONLY	

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THIRD
ANGLE
PROJECTION

SCALE: - 1/1

DIMENSIONS ARE IN $\frac{\text{MM}}{(\text{INCHES})}$

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[GSAC20A1B-2](#) [GSAB01A1A](#) [GSAB22A1B](#)