

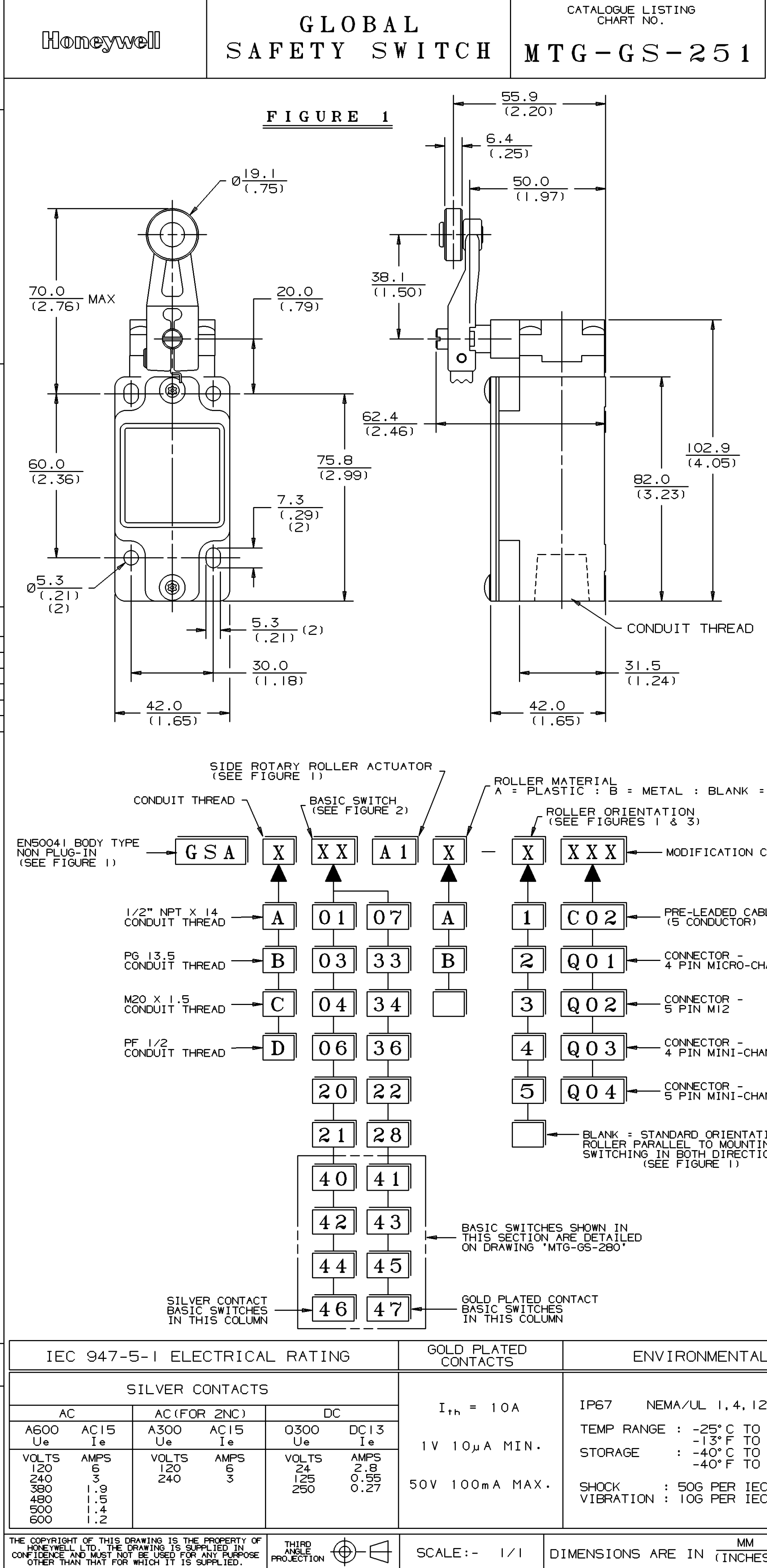


FIGURE 2		CAM ACTUATION PER EN50041			ANGULAR ACTUATION		
BASIC SWITCH	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN - - - - - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	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
01 07	SNAP ACTION SINGLE POLE 13 14 21 22 Zb	→ 21-22 13-14 -3.6 F.P. 20 56** ← 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	→ 21-22 13-14 0° F.P. 26° 55° ** 85° O.T. ← 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4
03 33	SLOW ACTION BREAK BEFORE MAKE 21 22 13 14 Zb	→ 21-22 13-14 -3.6 F.P. 20 32** 32	9.7 2.2	11.4 2.6	→ 21-22 13-14 0° F.P. 26° 38° ** 85° O.T. 38°	.330 2.9	.385 3.4
04 34	SLOW ACTION MAKE BEFORE BREAK 21 22 13 14 Zb	→ 21-22 13-14 -3.6 F.P. 32 45** 20	9.7 2.2	11.4 2.6	→ 21-22 13-14 0° F.P. 38° 50° ** 85° O.T. 26°	.330 2.9	.385 3.4
06 36	SLOW ACTION 2 NORMALLY CLOSED 21 22 11 12 2Y	→ 21-22 11-12 -3.6 F.P. 20 32**	9.7 2.2	11.4 2.6	→ 21-22 11-12 0° F.P. 26° 38° ** 85° O.T.	.330 2.9	.385 3.4
20 22	SNAP ACTION DOUBLE POLE 13 14 11 12 23 24 21 22	→ 11-12, 21-22 13-14, 23-24 -3.6 F.P. 20 56** ← 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.8 2.7	→ 11-12, 21-22 13-14, 23-24 0° F.P. 26° 55° ** 85° O.T. ← 12° DIFFERENTIAL TRAVEL	.330 2.9	.400 3.5
21 28	SNAP ACTION DOUBLE POLE SEQUENTIAL STEP 1 STEP 2 13 14 11 12 23 24 21 22	→ 11-12 13-14 21-22 23-24 -3.6 F.P. 20 56** ← 7 DIFFERENTIAL TRAVEL 38.5 74.5** ← 8.5 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	→ 11-12 13-14 21-22 23-24 0° F.P. 27° 55° ** 85° O.T. ← 7° DIFFERENTIAL TRAVEL 42° 70° ** ← 8° DIFFERENTIAL TRAVEL	.330 2.9	N/A
NO ROLLER		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	
1 SWITCHING CLOCKWISE ROTATION ONLY	2 SWITCHING ANTI-CLOCKWISE ROTATION ONLY
3 LEVER ON RIGHT	4 LEVER ON LEFT
5 LEVER TO MOUNTING SURFACE	

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