

FIG. 1

Dimensions (mm / inches):

- Top view: 24.75 (.974), 12.5 (.492), 4.7 (.183), 12.4 (.487), 3.0 (.118), 2.15 (.085) (6), 22.0 (.866), 20.0 (.787), 55.0 (2.165), 30.5 (1.200), 3.5 (.138), 30 (1.18).
- Side view: 14.5 (.571), 15.25 (.600), 10±1.5 (.394), 20 (.787), 31 (1.220), 25 (.984), 28±1 (1.102), 25 (.984), 35 (1.378).

CONDUIT THREAD PG 13.5 **B**

DT, FP, OT, RP, OP

NOTES:-

1. ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY AND COVER FINISHED IN MICRO SWITCH BLUE EPOXY PAINT. HEAD FINISHED IN BLACK EPOXY PAINT.
2. MINIMUM OPERATING VELOCITY (Vmin) = 1.0 MM/S (THESE LIMITS APPLY TO CAM OPERATION AS SHOWN IN THE ABOVE DIAGRAMS ONLY)
3. MAXIMUM OPERATING VELOCITY (Vmax) = 100 MM/S
4. MAXIMUM OPERATING FREQUENCY (Fmax) = 250 OPS/MIN
5. FREE POSITION (FP), OPERATING POINT (OP), OVERTRAVEL (OT) AND PRETRAVEL (PT) ALL TO EN50047.
6. MAXIMUM TIGHTENING TORQUE FOR FIXING SCREW = 0.5Nm (4.4in.LB)

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

STANDARD SILVER CONTACTS		GOLD PLATED CONTACTS		ELECTRICAL RATING	ENVIRONMENTAL	APPROVALS
AC	DC	AC	DC			
A300 Ue	AC15 Ie	O300 Ue	DC13 Ie	I _{th} = 10A 1V 10µA MIN. 50V 100mA MAX.	IP66 NEMA 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	UL IEC 947-5-1 EN50047
120 V	6 A	125 V	0.5 A			
240 V	3 A	250 V	0.27 A			

CATALOGUE LISTING		GLS		CONTACT BLOCK DIAGRAM TERMINAL DESIGNATION TO EN 50013	
CHART NO.		MTG-GL-169			
SNAP-ACTION CONTACTS		SLOW-ACTION CONTACTS (BREAK BEFORE MAKE)		SLOW-ACTION CONTACTS (MAKE BEFORE BREAK)	
16 (3.6)	23 (5.2)	14 (3.2)	24 (5.4)	16 (3.6)	27 (6.1)
				13 (2.9)	23 (5.2)
				NOMINAL TRAVELS AND RELATED TERMINALS	
				CONTACT CLOSED	
				CONTACT OPEN	
				* POSITIVE OPENING TO IEC 947-5-1-3	
				NORMAL OPERATING FORCE MAX N (lbf)	
				MAXIMUM DISCONNECT FORCE N (lbf)	

01 OR 07 03 OR 33 04 OR 34 06 OR 36

BASIC SWITCH WITH SILVER CONTACTS

BASIC SWITCH WITH GOLD PLATED CONTACTS

EN50047 BODY TYPE (SEE FIG. 1) → **GLC** **X** **XX** **C** - **X** **XXXX** → MODIFICATION CODE

1/2" NPT X 1/4 CONDUIT THREAD ADAPTER → **A** **01**

PG 13.5 CONDUIT THREAD → **B** **03**

M20 X 1.5 CONDUIT THREAD → **C** **04**

PF 1/2 CONDUIT THREAD → **D** **06**

07 **33** **34** **36**

TOP ROLLER ACTUATOR (SEE FIG. 1)

ROLLER ORIENTATION (SEE FIG. 3)

CABLE 5 WIRE, WITH GROUND, LAST CHARACTER IS CABLE LENGTH I = 1MTR. CABLE LENGTHS ARE FROM 1 TO 9 METRES. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

6 **C021**

Q01 → CONNECTOR .4 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

Q02 → CONNECTOR .5 PIN MICRO TWIN KEYWAY. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

Q03 → CONNECTOR .4 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

Q04 → CONNECTOR .5 PIN MINI. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

Q07 → CONNECTOR .5 PIN MICRO. ONLY AVAILABLE WITH CONDUIT THREAD TYPE 'B'.

NOTE: FOR CONNECTION DIAGRAMS AND ADDITIONAL ELECTRICAL, ENVIRONMENTAL & DIMENSIONAL INFORMATION SEE DRAWING GL-49212

FIG. 2

Dimensions (mm / inches):

- 19.8 (.779)
- ø 23.0 (.906)

1/2" NPT X 1/4 CONDUIT THREAD ADAPTER

A

FIG. 3

BLANK = STANDARD HEAD ORIENTATION WITH HEAD PARALLEL TO MOUNTING SURFACE

HEAD ORIENTATION WITH ROLLER PERPENDICULAR TO MOUNTING SURFACE

6