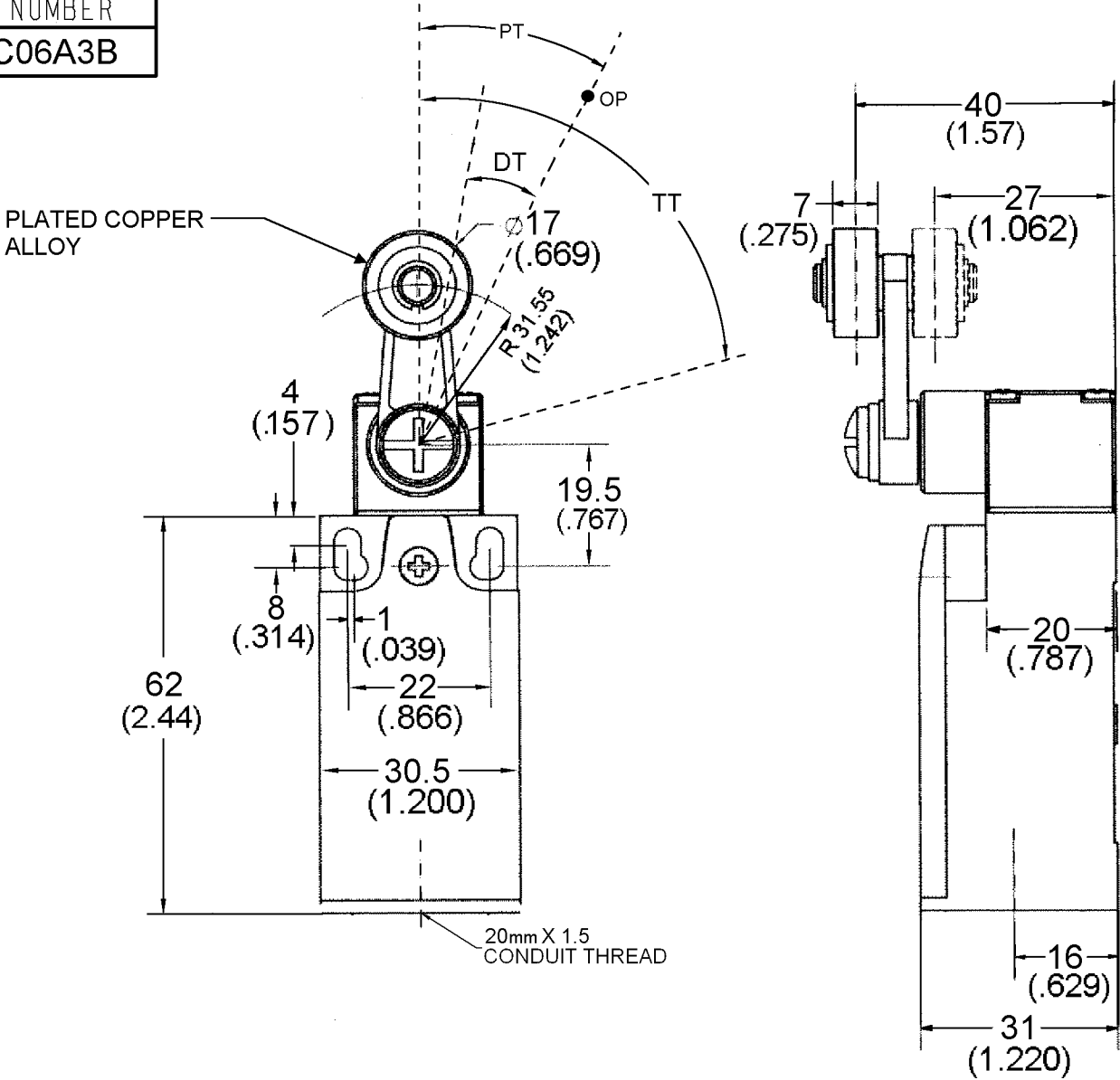


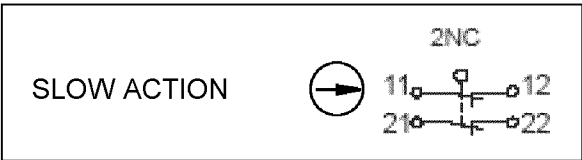
HONEYWELL  
PART NUMBER  
GLLC06A3B

| REV | DOCUMENT | CHANGED BY  | CHECK |
|-----|----------|-------------|-------|
| B   | 0073108  | VKR 07JAN11 | KNR   |



| NOMINAL TRAVELS                                     |                         |
|-----------------------------------------------------|-------------------------|
| Items                                               |                         |
| Operating Torque (max)                              | 8N-cm<br>(0.708 lb-in)  |
| Release Torque (min)                                | 2 N-cm<br>(0.177 lb-in) |
| PT (max)<br>(Pre-Travel)                            | 20° MAX                 |
| OT (min)<br>(Over-Travel)                           | 40°                     |
| DT (max)<br>(Differential Travel)                   | N/A                     |
| Travel to Operate<br>Positive Break NC<br>Contacts: | 35°                     |
| TT<br>(Total Travel)                                | 60°                     |

- NOTES :
- 1 - BLUE GLASS FIBER REINFORCED PBT HOUSING AND COVER.  
BLACK GLASS FIBER REINFORCED POM HEAD.
  - 2 - ENCLOSURE DOUBLE INSULATED TO IEC 536 CLASS II.
  - 3 - MINIMUM OPERATING VELOCITY (Vmin) = 1.0 MM/S  
MAXIMUM OPERATING VELOCITY (Vmax) = 2 M/S  
MAXIMUM OPERATING FREQUENCY (Fmax) = 120 OPS/MIN
  - 4 - FREE POSITION (FP), OPERATING POINT (OP), TOTAL TRAVEL (TT), AND PRETRAVEL (PT) ALL TO EN50047.
  - 5 - MAXIMUM TIGHTENING TORQUE FOR SCREWS  
FOR HEAD SCREWS : 0.2 Nm (1.7 in-lbs)  
COVER SCREWS : 0.5 Nm ( 4.4 in-lbs)  
LEVER RETAINING SCREW (SIDE ROTARY) : 1 Nm (9 in-lbs)  
TERMINAL SCREWS ( RECOMMENDED) : 0.8 Nm - 1.0 Nm (7-9 in-lbs)
  - 6 - RECOMMENDED WIRE SIZE : 18 AWG - 16 AWG ( .75mm<sup>2</sup> - 1.5mm<sup>2</sup>) SOLID  
18 AWG - 14 AWG ( .75mm<sup>2</sup> - 2.5mm<sup>2</sup>) STRANDED



| IEC 60947-5-1 ELECTRICAL RATING |      |       |      | ENVIRONMENTAL RATINGS                                       |  | APPROVALS                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------|------|-------|------|-------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AC                              |      | DC    |      | IP66 NEMA 1, 12, 13                                         |  | <br><br><br><br>EN50047<br>IEC 60947-5-1 |
| A600                            | AC15 | Q300  | DC13 | TEMP RANGE: -10°C TO 80°C<br>14°F TO 176°F                  |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| Ue                              | Ie   | Ue    | Ie   |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| VOLTS                           | AMPS | VOLTS | AMPS | SHOCK: 50G FOR IEC 68-2-27<br>VIBRATION: 10G PER IEC 68-2-6 |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| 120                             | 6    | 125   | 0.55 |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| 240                             | 3    | 250   | 0.27 |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| 380                             | 1.9  |       |      |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| 480                             | 1.5  |       |      |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| 500                             | 1.4  |       |      |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                             | 1.2  |       |      |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |
| Ith = 10A                       |      |       |      |                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                              |

|                          |         |
|--------------------------|---------|
| DESIGN UNITS: INCH       |         |
| TOLERANCES UNLESS NOTED: |         |
| NO PLACE                 | X ±     |
| ONE PLACE                | .X ±    |
| TWO PLACE                | .XX ±   |
| THREE PLACE              | .XXX ±  |
| FOUR PLACE               | .XXXX ± |
| ANGLES                   | ±       |
| THIRD ANGLE PROJECTION   |         |

|                                                                                                                                                        |     |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|
| DRAWN                                                                                                                                                  | KNS | 09NOV06 |
| CHECK                                                                                                                                                  | BM  | 09NOV06 |
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| INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY                                                                         |     |         |
| RASTER                                                                                                                                                 |     |         |

|                  |      |              |        |
|------------------|------|--------------|--------|
| <b>Honeywell</b> |      |              |        |
| TITLE            |      |              |        |
| SWITCH, LIMIT    |      |              |        |
| SIZE             | TYPE | DRAWING NAME | REV    |
| B                | I    | GLLC06A3B    | B      |
| SCALE            |      | SHEET        | 1 OF 1 |