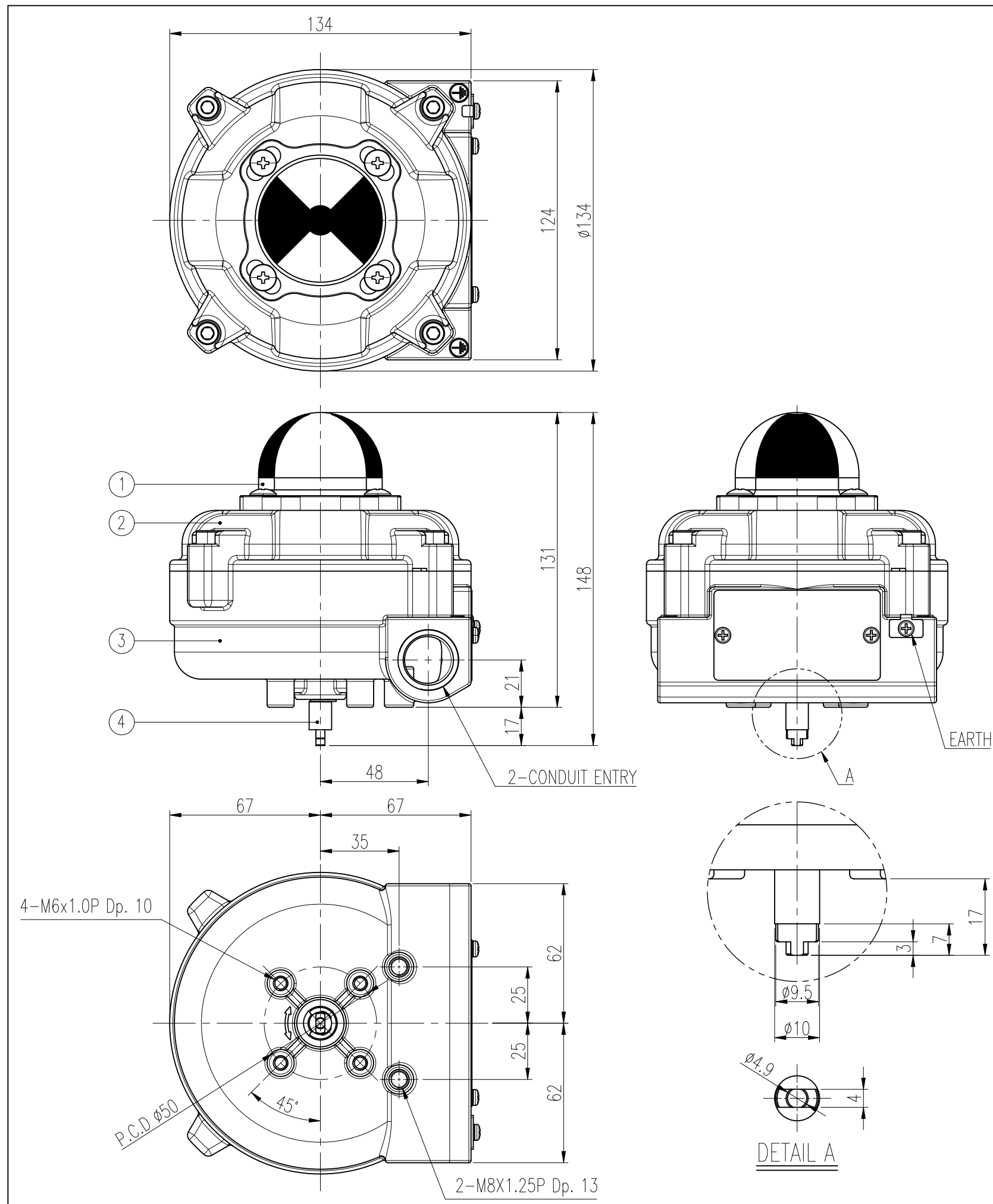




| NO.           | DATE   | REVISION | DESIGNED | CHECKED | APPROVED |
|---------------|--------|----------|----------|---------|----------|
| $\triangle 0$ | 221222 | RELEASED | BJKIM    | -       | DKMIN    |
| $\triangle 1$ |        |          |          |         |          |

## SPECIFICATIONS

| Model                |    | TS410M                                                                   |                         | TS410P                     |                   |                     | TS410D                                |
|----------------------|----|--------------------------------------------------------------------------|-------------------------|----------------------------|-------------------|---------------------|---------------------------------------|
| Switch Type          |    | Mechanical Switch(2*SPDT)                                                |                         | Inductive Proximity Sensor |                   |                     | Mechanical Switch(2*DPDT)             |
|                      |    | KW3A-16Z3B-F200<br>(Dongnan)                                             | NJ2-V3-N<br>(Honeywell) | PSN17-5DNU<br>(Autonics)   | NJ2-V3-N<br>(P&F) | NBB2-V3-Z4<br>(P&F) | DZ-10GV-1B<br>(Omron)                 |
| Switch Rating        | AC | 16A, 125/250V                                                            | 115/125/250V            | —                          | —                 | —                   | 10A, 125/250V                         |
|                      | DC | 30V, 10A                                                                 | 30V                     | 10 ~ 30V                   | 8.2V              | 5 ~ 60V             | 250V, 0.25A<br>125V, 0.5A<br>30V, 10A |
| Terminal             |    | 8P                                                                       |                         | 8P                         |                   |                     | 12P                                   |
| Explosion Proof      |    | Ex db IIC T5/T6 Gb<br>Ex tb IIIC T85°C/T100°C Db                         |                         |                            |                   |                     |                                       |
| Ambient Temp.        |    | -40°C ~ 80°C (T5)<br>-40°C ~ 70°C (T6)                                   |                         |                            |                   |                     |                                       |
| Operating Temp.      |    | S : -25°C ~ 70°C<br>L : -40°C ~ 70°C<br>U: -60°C ~ 70°C (For Russia EAC) |                         |                            |                   |                     |                                       |
| Ingress Protection   |    | IP67                                                                     |                         |                            |                   |                     |                                       |
| Conduit entry        |    | 2-NPT1/2 or M20, NPT3/4                                                  |                         |                            |                   |                     |                                       |
| Housing Material     |    | Aluminum die-cast                                                        |                         |                            |                   |                     |                                       |
| Painting             |    | Polyester powder coating                                                 |                         |                            |                   |                     |                                       |
| Weight               |    | 1.3kg                                                                    |                         |                            |                   |                     |                                       |
| Internal free volume |    | 710cm <sup>3</sup>                                                       |                         |                            |                   |                     |                                       |

## PART LIST

| NO. | PART NAME       | MATERIAL          | Q'TY |
|-----|-----------------|-------------------|------|
| 1   | COVER INDICATOR | PC(PolyCarbonate) | 1    |
| 2   | COVER BASE      | ALDC12            | 1    |
| 3   | BODY BASE       | ALDC12            | 1    |
| 4   | SHAFT MAIN-R    | STS303            | 1    |

| SURFACE TEXTURE | WEIGHT     | g         | PROJECT      | -                |      |
|-----------------|------------|-----------|--------------|------------------|------|
| FINISH          | SHEET No.  | 1 / 1     | PRODUCT NAME | LIMIT SWITCH BOX |      |
| MATERIAL        | UNIT       | mm        | MODEL        | TS410            |      |
| QUANTITY        | SCALE      | 1 / 2     | TITLE        | LIMIT SWITCH BOX | REV. |
| OTHERWISE NOTE  | PROJECTION | 3RD ANGLE |              |                  |      |
| GENERAL DIM     | DWG SIZE   | A3        | DWG. NO.     | TS410 AA 01 A1   | 0    |