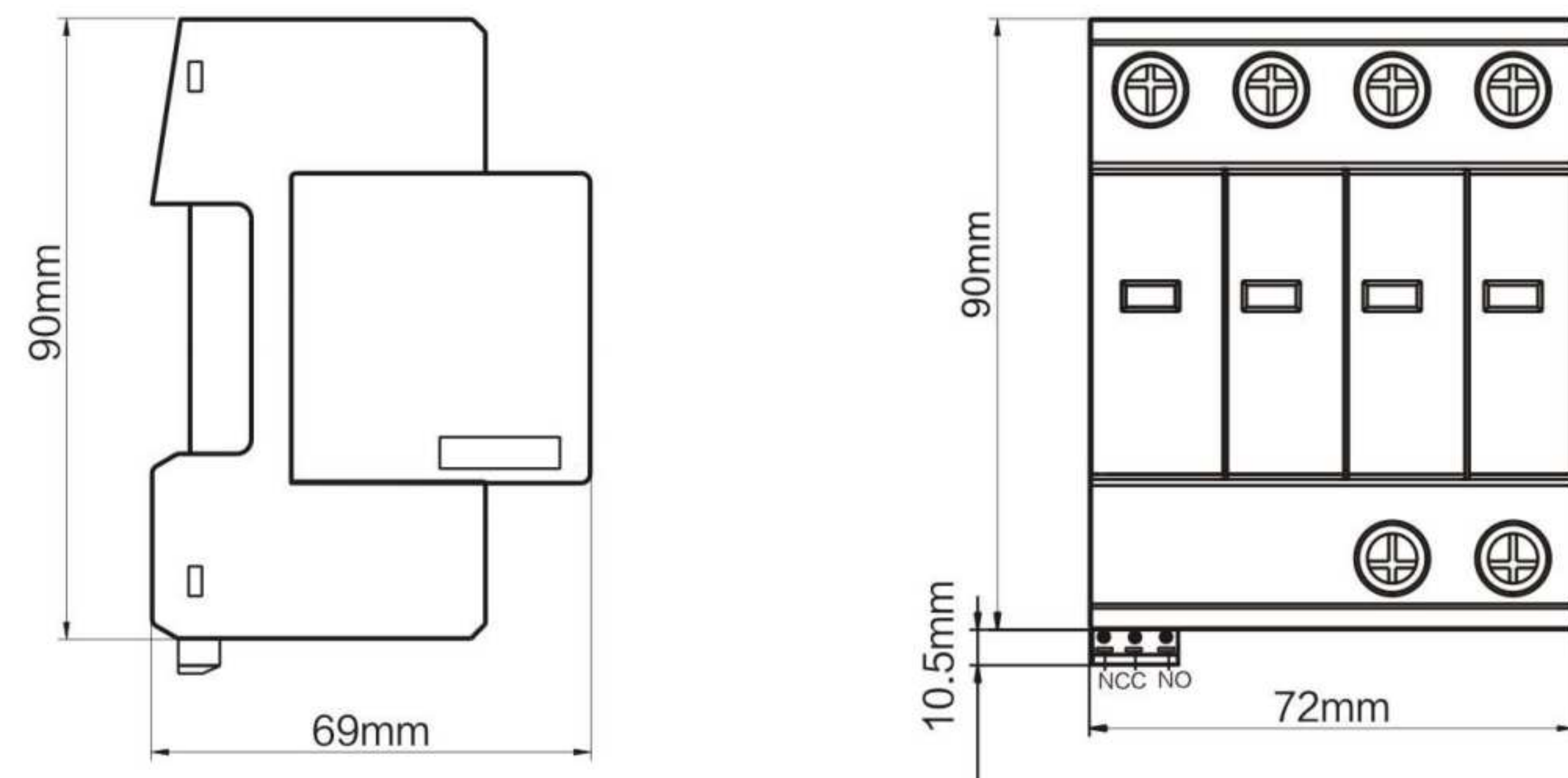


**Power class (ordinary type) G20□MT series secondary power surge protector**

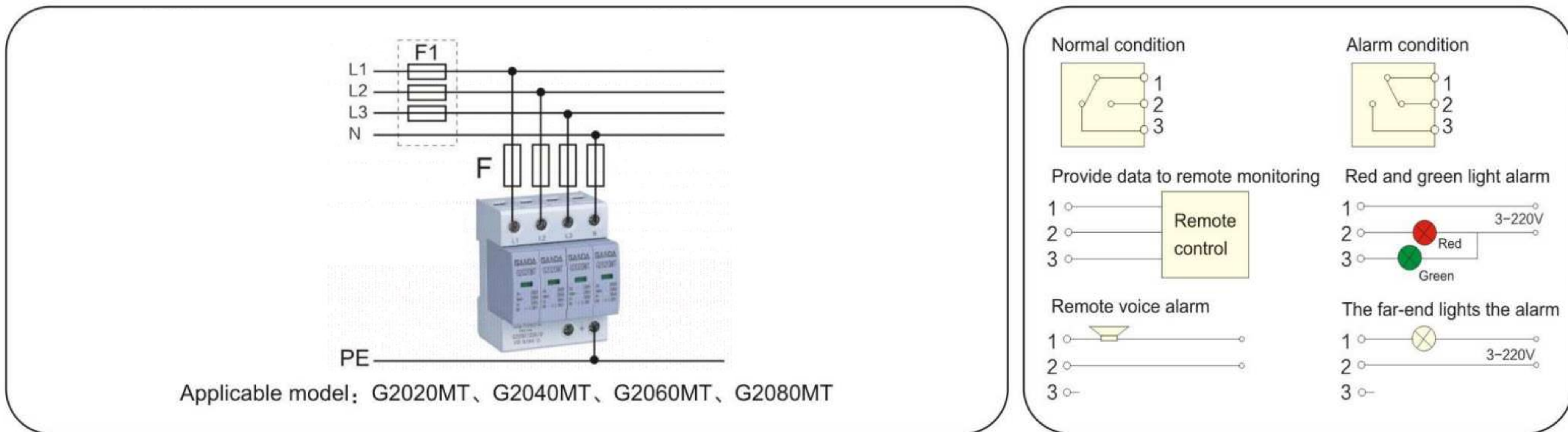
- High energy surge protection
- Remote alarm interface
- Failure detection indicator
- Standard modular installation
- The built-in flash interrupter device
- Pluggable replacement module
- The maximum discharge current of single module is 20~80kA(8/20 μ s)
- Reaction rate: 10<sup>-9</sup> sec

G20□MT series series secondary power surge protectors are designed according to IEC and GB standards. The products with powerful surge release capability, each of the maximum discharge current 20~80kA(8/20μs), applicable to low-voltage distribution system protection at all levels, according to different distribution systems (TT/TN/IT) can choose a variety of combinations.

**Product dimension drawing**



**Installation Diagram      Remote alarm terminal and use**



**The scope of products**

- 1、G2080MT、G2060MT: The power line blocks the total power distribution cabinet of the buildings that are embedded in the ground  
A distribution box with an outside entry and exit line in the building  
Outdoor distribution cabinet / distribution box
- 2、G2040MT: Building layer distribution box
- 3、G2020MT: Building's important power distribution box of the power equipment, such as computer room, distribution box, residential distribution box

**Power class (ordinary type) G20□MT series secondary power surge protector**



**Product Capability parameter**

| MODEL                                         | G2040MT/150                                 | G2040MT/350                                 |
|-----------------------------------------------|---------------------------------------------|---------------------------------------------|
| SPD port                                      | 1p - 2p - 4p                                | 1p - 2p - 4p                                |
| SPD category                                  | Combination type (TMOV)                     | Combination type (TMOV)                     |
| Test category                                 | Class II test                               | Class II test                               |
| Un                                            | 120 VAC 50-60 Hz                            | 277 VAC 50-60 Hz                            |
| Uc                                            | 150 VAC 50-60 Hz                            | 350 VAC 50-60 Hz                            |
| In (8/20 microseconds)                        | 20 KA                                       | 20 KA                                       |
| Imax (8/20 microseconds)                      | 40 KA                                       | 40 KA                                       |
| Up (8/20 microseconds)                        | 1.2 KV                                      | 1.2 KV                                      |
| Fuse or circuit breaker/lcc                   | 25 A / 60 KA                                | 25 A / 60 KA                                |
| Response time                                 | ≤ 25 nanoseconds                            | ≤ 25 nanoseconds                            |
| Bandwidth                                     | --                                          | --                                          |
| Insertion loss                                | --                                          | --                                          |
| Failure indication                            | GREEN: NORMAL RED:DISCHARGED                | GREEN: NORMAL RED:DISCHARGED                |
| Sectional area of wires                       | 6 - 25 mm2                                  | 6 - 25 mm2                                  |
| Installation method                           | 35mm standard rail DIN (EN50022/DIN46277-3) | 35mm standard rail DIN (EN50022/DIN46277-3) |
| Working environment temperature               | - 40°C ---- + 85 °C                         | - 40°C ---- + 85 °C                         |
| Sheathing material                            | PLASTIC, accord with UL94 V-0               | PLASTIC, accord with UL94 V-0               |
| Protection level                              | IP20                                        | IP20                                        |
| Authentication                                | CQC CE Type test                            | CQC CE Type test                            |
| Remote alarm                                  | Normally open / Normally closed (optional)  | Normally open / Normally closed (optional)  |
| Remote signal interface connection capability | Maximum 1.5 mm2 single strand cord          | Maximum 1.5 mm2 single strand cord          |