

## SUP2-PV Series Surge Protector



### Specifications



| SUP2-PV series surge protector           |                             | SUP2-PV                                          |              |
|------------------------------------------|-----------------------------|--------------------------------------------------|--------------|
| PV DC-specific (IEC 66143-1/EN 61643-11) |                             |                                                  |              |
| Pole                                     |                             | 2P                                               | 3P           |
| Electrical Parameter                     |                             |                                                  |              |
| Classified test                          |                             | II                                               | II           |
| Uoc max (V DC)                           |                             | 500                                              | 900          |
| Uc (V DC)                                |                             | 500                                              | 1000         |
| In(8/20)us (kA)                          |                             | 20                                               | 20           |
| Imax(8/20)us (kA)                        |                             | 40                                               | 40           |
| Up (kV)                                  |                             | 2.0                                              | 3.8          |
| Remote control and indication            |                             |                                                  |              |
| Indication window                        |                             |                                                  |              |
| Plug-in Module                           |                             |                                                  |              |
| Remote signal contact                    |                             |                                                  |              |
| Remote signal contact                    | maximum working voltage(V)  | 250 AC/30V DC                                    | 250AC/30V DC |
|                                          | maximum working current (A) | 1A(250V/ AC)                                     | 1A(250V/ AC) |
|                                          | 1A(250V/ AC)                | 1A(30V/ AC)                                      | 1A(30V/ AC)  |
| Wiring & installation                    |                             |                                                  |              |
| Wiring capacity(mm²)                     | Hard wire                   | 4~25                                             | 4~25         |
|                                          | Flexible wire               | 4~16                                             | 4~16         |
| Stripping length(mm)                     |                             | 10                                               | 10           |
| Terminal screw                           |                             | M5                                               | M5           |
| Torque(Nm)                               | Main circuit                | 3.5                                              | 3.5          |
|                                          | Remote signal contact       | 0.25                                             | 0.25         |
| Protection class                         | All profile                 | IP40                                             | IP40         |
|                                          | Connection port             | IP20                                             | IP20         |
| Installation environment                 |                             | No obvious shock and vibration                   |              |
| Altitude (m)                             |                             | ≤2000                                            | ≤2000        |
| Working Temperature                      |                             | -3.0~+70                                         | -3.0~+70     |
| Relative humidity                        |                             | 30%~90%                                          | 30%~90%      |
| How to Install                           |                             | Installed with H35-7.5/DIN35 steel mounting rail |              |
| Size(mm)(WxHxL)                          | W                           | 36                                               | 54           |
|                                          | H                           | 90                                               | 90           |
|                                          | L                           | 67.6                                             | 67.6         |
| Weight (kg)                              |                             | 0.24                                             | 0.36         |