

## NPFSR-K131MD

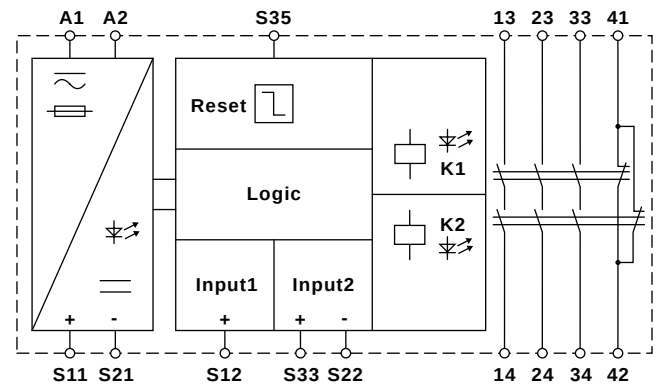
3NO+1NC  
3NO+1NC



### Technical Specifications

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| Rated Voltage    | 24V AC/DC                                                       |
| Rated Current    | 0.85 ~ 1.1                                                      |
| Rated Frequency  | 50Hz ~ 60Hz                                                     |
| Rated Power      | ≤ 2.2W/24V DC, ≤ 5.4VA/24V AC                                   |
| Rated Current    | ≤ 50mA/24V DC                                                   |
| Rated Resistance | ≤ 15Ω                                                           |
| Rated Voltage    | 3NO+1NC                                                         |
| Rated Current    | 3NO+1NC                                                         |
| Rated Resistance | AgSnO <sub>2</sub> +0.2μmAu                                     |
| Rated Current    | AC-15: 5A/230V, DC-13: 5A/24V                                   |
| Rated Resistance | 10A gL/gG(NO), 6A gL/gG(NC)                                     |
| Rated Voltage    | ≤ 150ms                                                         |
| Rated Current    | : ≤ 30ms, : ≤ 100ms                                             |
| Rated Voltage    | : ≤ 30ms, : ≤ 100ms                                             |
| Rated Current    | 20ms                                                            |
| Rated Resistance | IEC/EN 60947, IEC 61326-3-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4 |
| Rated Voltage    | 250V AC                                                         |
| Rated Current    | 6000V(1.2/50us)                                                 |
| Rated Resistance | 1500V AC, 1 min                                                 |
| Rated Current    | IEC 60947-1                                                     |
| Rated Voltage    | 10Hz ~ 55Hz, 0.35mm                                             |
| Rated Current    | III                                                             |
| Rated Resistance | 2                                                               |
| Rated Voltage    | IP20                                                            |
| Rated Current    | -20°C ~ +60°C                                                   |
| Rated Resistance | -40°C ~ +80°C                                                   |
| Rated Voltage    | ≤ 2000 m                                                        |
| Rated Current    | 10×10 <sup>6</sup> cycles                                       |

### Internal Structure



### Performance Data

|                                         |
|-----------------------------------------|
| PLC, ISO 13849                          |
| Cat.4, ISO 13849                        |
| 20, ISO 13849                           |
| 99%, ISO 13849                          |
| 164, ISO 13849                          |
| 68, ISO 13849                           |
| SIL3, IEC 61508                         |
| SIL CL3, IEC 62061                      |
| 1, IEC 62061                            |
| ≥ 99%, IEC 62061                        |
| 1.29×10 <sup>-5</sup> /PTI=20 IEC 62061 |
| 1.49×10 <sup>-10</sup> 1/h, IEC 62061   |
| 0, IEC 60204                            |