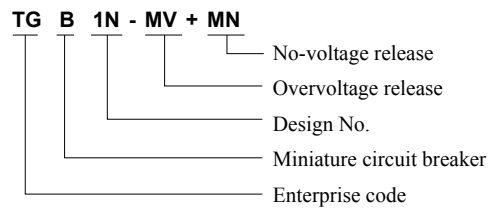


## TGB1N-MV+MN Overvoltage and No-voltage Release for TGB1N-63

### 1 Product overview

TGB1N-MV+MN overvoltage and No-voltage release (hereinafter referred to as release) is mainly used in AC 50/60Hz with rated voltage of 230V, and is assembled with the TGB1N series miniature circuit breaker with shell frame rated current 63A and with the residual current action circuit breaker with frame rated current 63A (32A) for overvoltage and No-voltage protection.  
 Available standards: IEC 60947-2

### 2 Type designation



### 3 Product parameters

|                                     |                                                                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Modulus                             | 2 (18mm)                                                                                                                                                   |
| Working voltage (Overvoltage V AC)  | Single-phase, three-phase four-wire protection voltage: AC280 (1±5%) V、<br>AC170 (1±5%) V<br>Three-phase protection voltage: AC460 (1±5%) V、AC300 (1±5%) V |
| Working voltage (No-voltage V AC)   | 161±5%                                                                                                                                                     |
| Overvoltage and No-voltage life     | 500 times                                                                                                                                                  |
| Max. wiring area (mm <sup>2</sup> ) | 2.5                                                                                                                                                        |
| Installation                        | Installed after assembling with circuit breaker                                                                                                            |

### 4 Normal working conditions and installation conditions

- 4.1 Ambient temperature: -35℃ ~ +70℃
- 4.2 Altitude: Not exceed 2000m
- 4.3 Pollution level: 2
- 4.4 Relative humidity: ≤95%

### 5 Product assembly and installation

- 5.1 TGB1N-MV +MN Overvoltage and No-voltage release can be assembled with TGB1N circuit breaker.
- 5.2 After the release is assembled with circuit breaker, they can be installed on the rail.