

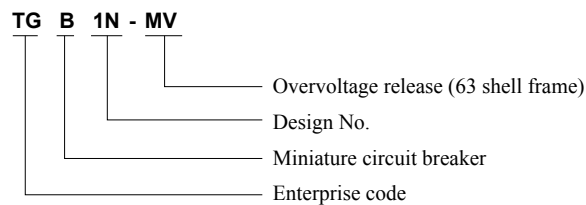
## TGB1N-MV Overvoltage Release for TGB1N-63

### 1 Product overview

TGB1N-MV (for 63 shell frame) overvoltage 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 frame rated current 63A and with the residual current circuit breaker with frame rated current 63A (32A) for overvoltage protection.

Available standards: IEC 60947-2

### 2 Type designation



### 3 Product parameters

|                                     |   |
|-------------------------------------|---|
| Modulus                             | 2 (18mm)  |
| Working voltage (overvoltage V AC)  | 280±5%  |
| Overvoltage life                    | 500times  |
| 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 overvoltage 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.
- 5.3 No this accessory is provided for some TGB1N product. For details, please refer to the relevant circuit breaker manual.