



TGB3-SD2 Alarm Contact for TGB3

1 Overview

TGB3-SD2 Alarm Contact for TGB3 is used in the AC 50/60Hz line with the appointed heat current up to 6A, with rated voltage up to 415V or DC rated voltage up to 130V, and is mainly assembled with the TGB3 series miniature circuit breaker with frame current 125A and with the residual current action circuit breaker with frame current 63A for remote circuit breaker failure alarm signal indication.

Standard: IEC 60947-5.

2 Technical Parameters

Standard	GB/T14048.5		
Working voltage and current	AC-12	Ue=AC415V	Ie=3A
		Ue=AC240V	Ie=6A
	DC-12	Ue=DC130V	Ie=1A
		Ue=DC48V	Ie=2A
		Ue=DC24V	Ie=6A
Working state	Normal closing / opening status: 91-92NC, 91-94NO Fault closing / opening status: 91-92NO, 91-94NC		
Mechanical life	6050 times		
Max. wiring area (mm ²)	2.5		
Installation	Installed after assembling with circuit breaker		
Use category	AC12/DC12		
Function requirements	Trip alarm		

3 Operating Conditions

- 3.1 Ambient temperature: -35 C ~ +70 C
- 3.2 Altitude: Not exceed 2,000 meters
- 3.3 Pollution degree: 2
- 3.4 Relative humidity: ≤95%

4 Combined State

Accessories on the left		Combination mode	Accessories on the right
OF2		Or, and	MV+MN2
SD2		Or, and	MV+MN2
MX2		Or, and	MV+MN2
OF2	MX2	Or, and	MV+MN2
SD2	MX2	Or, and	MV+MN2

Note: This accessory can only be connected to TGB3 circuit breaker for sale, and cannot be purchased separately.