



TGB1N-MX+OF Shunt and Auxiliary Release for TGB1N-63

1 Overview

TGB1N-MX+OF shunt and auxiliary release (hereinafter referred to as release) is mainly assembled with the TGB1N series miniature circuit breaker with shell frame current 63A and with the residual current action circuit breaker with shell frame current 63A (32A), suitable for AC 50/60Hz line with rated voltage up to 400V for remote shunt tripping operation and for remote circuit breaker ON/OFF signal indication. The TGB1N-MX+OF product is of the active integrated type; if passive type is required, the separate TGB1N-MX and TGB1N-OF assembly is selected to realize the passive function.

Standard: IEC 60947-1

2 Technical Parameters

Modulus		2 (18mm)		
MX parameters	Working voltage (V AC)	415	220-240	100-130
	Trip power consumption (VA AC)	625	184	44
	Working voltage (V DC)	110-130 DC	48 AC/DC	24 AC/DC
	Trip power consumption (VA)	45	48	185
	Shunt life	500		
OF parameters	Working voltage (V AC)	415	240	
	Rated current (A AC)	3	6	
	Working voltage (V DC)	130	48	24
	Rated current (A DC)	1	2	6
	Mechanical life	6050 times		
Max. wiring area (mm ²)		2.5		
Installation		Installed after assembling with circuit breaker		

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 Installation category: Class II and III
- 3.5 Installation method: TH35-7.5 mounting rail is used