



TGB1N-MX+OF1 Shunt and Auxiliary Release for TGB1N-125

1 Overview

TGB1N-MX+OF1 shunt and auxiliary release (hereinafter referred to as release) is mainly assembled with the TGB1N series miniature circuit breaker with frame current 125A at the right side, suitable for AC 50/60Hz with rated voltage up to 400V for remote shunt tripping operation and for remote circuit breaker ON/OFF signal indication. The TGB1N-MX+OF1 product is of the passive integrated type.

2 Technical Parameters

Modulus		2 (9mm)		
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	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