

MVAX 11

Tripping and Interposing Supervision Relay

The MVAX 11 relay supervises the trip circuit of tripping relays such as the MVAJ or interposing control relay type MVAW.

Simple and robust

The relay is an attracted armature unit of simple and robust construction having a positive action without chatter.

It has two dropping resistors R1 and R2 of equal ohmic value, connected in series with the coil. Under healthy conditions the relay coil is energised via the dropping resistor R2 as shown in figure 1 (interposing relay circuit) and in figure 2 (tripping relay circuit).

If the circuit being supervised becomes open circuited or if the supply fails, the relay will become deenergised and an alarm or visual indication will be given. To prevent the alarm being given when the circuit being supervised is operated, the relay coil is maintained via the dropping resistor R1. For this purpose, an additional normally open contact is required from either the push button in figure 1 or tripping relay contact in the case of figure 2.



Key Benefits

- Compact design
- No false alarms due to protection operation
- Continuous monitoring of trip circuit



Monitoring Relay Trip Coils to Ensure Maximum Protection Integrity

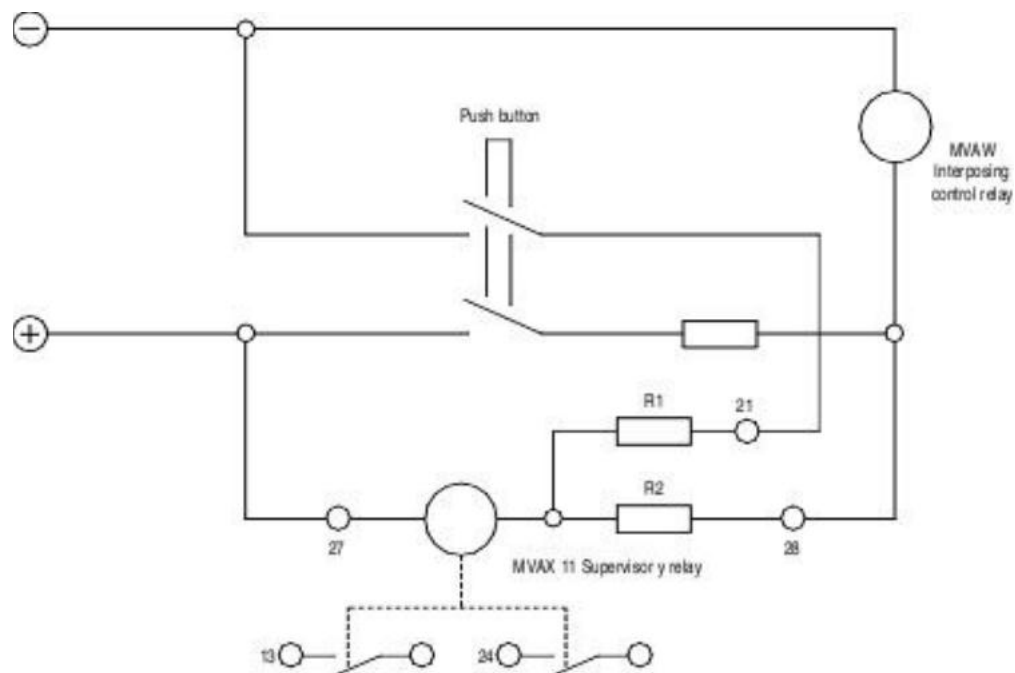


Figure 1 Supervision of interposing control relay type MVAW

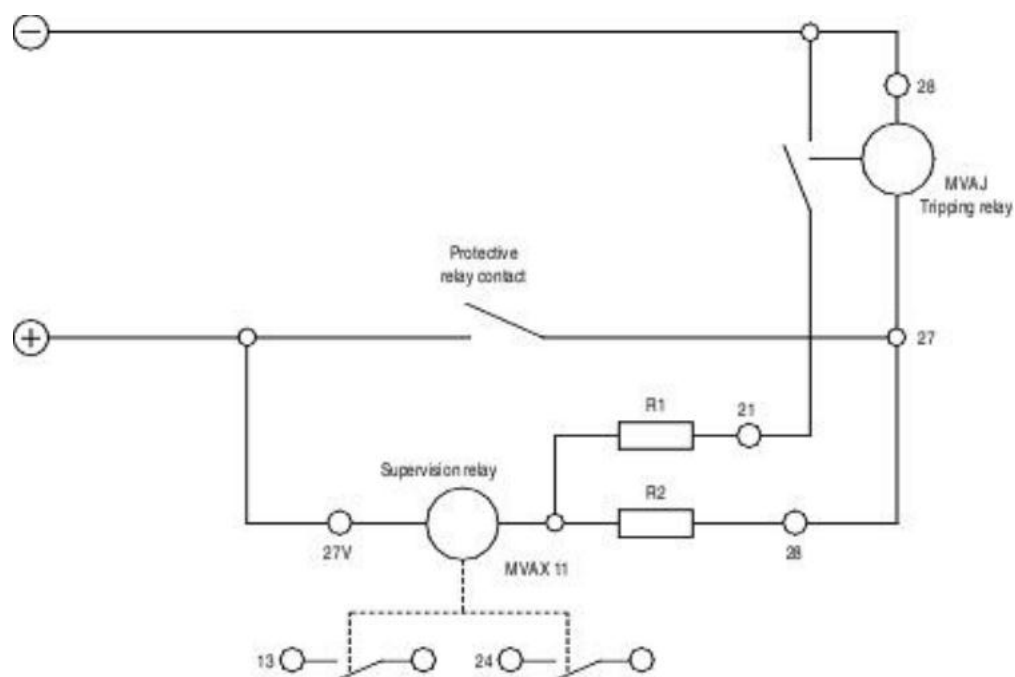


Figure 2 Supervision of tripping relay type MVAJ

Device Track Record - Auxilliary Relays

Over 180,000 MVAJ tripping relays delivered since launch in 1983
Over 150,000 MVAA auxiliary relays delivered since launch in 1983
Over 150,000 MVAA auxiliary relays delivered since launch in 1983
Nearly 300,000 MVAX relays delivered since 1983

Ordering Options

MVAX11A1		A
Flag type		
Self reset reverse flag	C	
Hand reset reverse flag	D	
Number of contacts		
2 standard contacts	A	
4 standard contacts	B	
Auxiliary supply Vx		
30/34 Vdc		025
48/54 Vdc		050
110/125 Vdc		075
220/250 Vdc		100
Contact arrangement		
4 Make		4
3 Make 1 Break		5
2 Make 2 Break		6
1 Make 3 Break		7

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