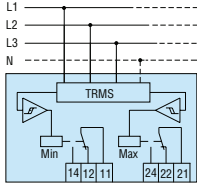


# PROTECTION RELAYS

## Operational Diagrams

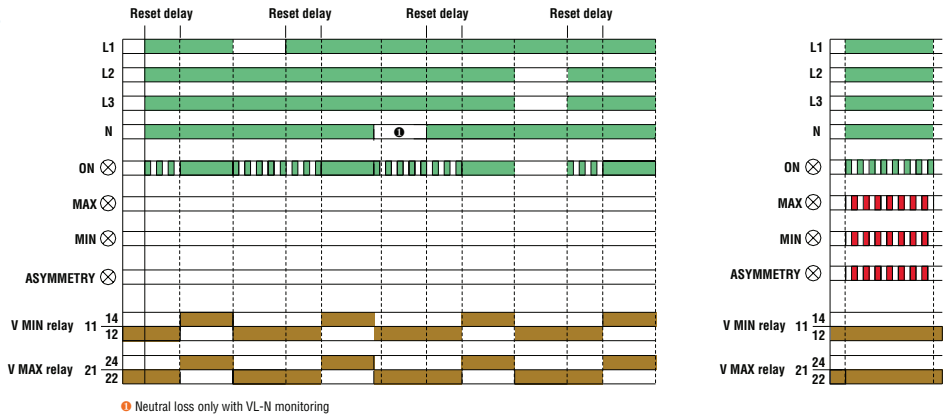


### Voltage monitoring relays for 3-phase systems c/w or w/o neutral

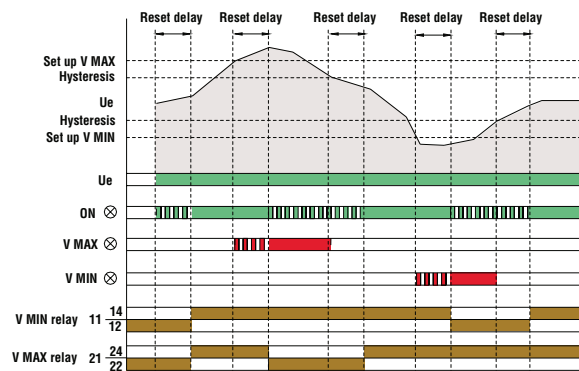


PMV50N - PMV70N - PMV80N

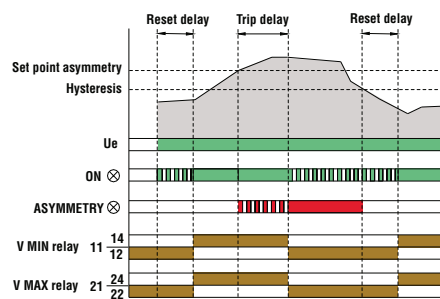
Phase loss and incorrect phase sequence (PMV50N - PMV70N - PMV80N)



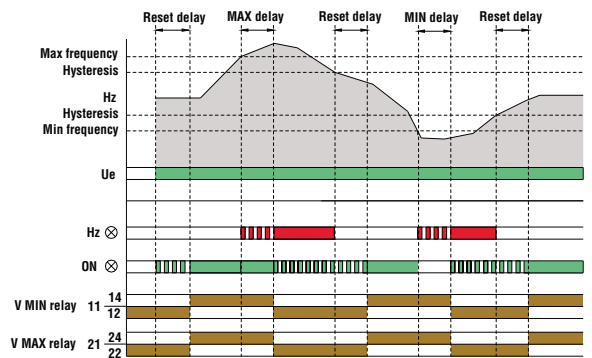
Maximum and minimum voltage (PMV50N - PMV70N - PMV80N)



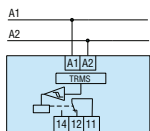
Asymmetry (PMV70N)



Maximum and minimum frequency (PMV80N)



### Voltage monitoring relay for 1-phase systems



PMV55

