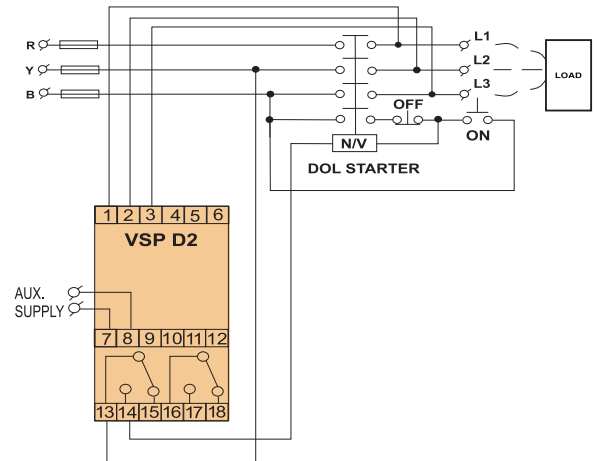


TECHNICAL DATA SHEET FOR VSP D2



VSP D2 is a phase failure relay operating on negative sequence voltage sensing principle. It offers protection against

- * Unbalanced voltage condition.
- * Phase failure condition.
- * Phase sequence reversal condition.

TECHNICAL SPECIFICATIONS OF VSP D2

1. SYSTEM SUPPLY VOLTAGE	100-120/220- 240/380-440V AC $\pm 20\%$
2. AUX. SUPPLY VOLTAGE	110-120/220-240/380-440 V AC $\pm 20\%$
3. FREQUENCY	50 / (60) Hz, K 3%
4. POWER CONSUMPTION	3 VA (max.)
5. OUTPUT RELAY CONTACT	2 Changeover
6. OUTPUT CONTACT RATING	5Amp., 240 VAC (RESISTIVE)
7. LIFE EXPECTANCY	0.5×10^6 operations at 100% rating
8. TRIP SETTING (volt) Phase sequence Phase unbalance	Yes 30V to 70 V $\pm 6V$ (adjustable)
9. TRIP TIME DELAY : On phase failure/unbalance For level sensing	3.5 Sec. $\pm$ 1.5 Sec. N.A.
10. RESETTING Mode:	Auto / Manual / Remote
11. RESET GAP :	10 - 18V
12. INDICATIONS :	L1 : Green - Power ON L2 : Red - Trip
13. ENCLOSURE :	ABS.
14. DIMENSIONS (mm) :	Overall : 76 X 56.5 X 117.5 Mounting : 68 center to center
15. MOUNTING :	35 mm Rail Mounting & Panel Mounting
16. WEIGHT (gms) :	400 gms. (approx.)
17. OPERATING CONDITIONS :	TEMPERATURE : -5°C to $+60^{\circ}\text{C}$ HUMIDITY : Upto 95% Rh