



GELCO®



MGR 101
Phase Failure
with UV & OV Relay

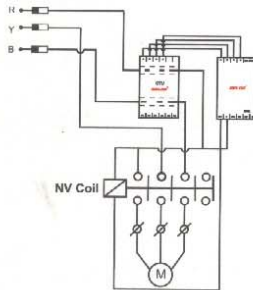
MGR 102
Phase Failure
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PGR 101
Phase Failure
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|---------------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| System Voltage | 415 +/-20% Vac, 3 Ph.,50 Hz | 415 +/-20% Vac, 3 Ph.,50 Hz | 415 +/-20% Vac, 3 Ph.,50 Hz | 415 +/-20% Vac, 3 Ph.,50 Hz |
| Auxiliary Voltage | 415/230/110 Vac +/- 20% ,50 Hz | 415/230/110 Vac +/- 20% ,50 Hz | 415/230/110 Vac +/- 20% ,50 Hz | 415/230/110 Vac +/- 20% ,50 Hz |
| Settings: | | | | |
| Phase Unbalance(volt) | | 45 V +/- 15 V | | 45 V +/- 15 V |
| Over Voltage | 120% +/- 5V | 120% +/- 5v | 120% +/- 5v | 120% +/- 5v |
| Under Voltage | 80% +/- 5V | 80% +/- 5v | 80% +/- 5V | 80% +/- 5V |
| Over Current | Above 120% of set current. | Above 120% of set current. | Above 120% of set current. | Above 120% of set current. |
| Phase Unbalance(current) | 50% of full scale current | 50% of full scale current | 50% of full scale current | 50% of full scale current |
| Dry Run | | | 40 % TO 80% of overload setting | 40 % TO 80% of overload setting |
| Tripping Time | 4 To 7 Sec | 4 To 7 Sec | 4 To 7 Sec | 4 To 7 Sec |
| Reset Mode | Auto/manual/external | Auto/manual/external | Auto/manual/external | Auto |
| Reset Time | 10 To 20 Sec | 10 To 20 Sec | 10 To 20 Sec | 10 To 20 Sec |
| Dimensions (L×W×H) | 108×55×90 MM | 108×55×90 MM | 108×55×90 MM | 78×23×100 MM |
| Weight(approx.)GMS | 450-Main Unit | 455-Main Unit | 460-Main Unit | 460 -Main Unit |

MGR - 101 / 102

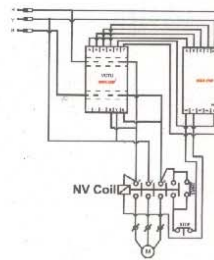


- Relay will be energised in healthy supply condition
- CTU Selection chart

| CTU MODEL | IMAX | CURRENT RANGE (AMP) |
|-----------|------|---------------------|
| CTU-05 | 01 | 2 TO 6 |
| CTU-10 | 02 | 4 TO 10 |
| CTU-20 | 04 | 8 TO 20 |
| CTU-40 | 08 | 16 TO 40 |
| CTU-80 | 16 | 32 TO 80 |

- * For all this CTU main control unit will remain same.
- * Only Imax will be multiplied with Amp. (O/I setting range for different CTU.)
- * Manual / auto Reset facility is available (selection through slide switch on front)
- * For current range above 80 Amp. Select external CT and use basic CTU - 05.

PGR - 101 / 102



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