

SELEC CONTROLS PVT.LTD.

Title : Difference between 900VPR-2-280/520V & VPRD2M

| Functions | 900VPR-2-280/520V | VPRD2M |
|---------------------------|--|---|
| Image |  |  |
| Type | Digital | Digital |
| Display | LCD without backlight | LCD without backlight / With backlight (Optional) |
| Function | <ul style="list-style-type: none"> - Under voltage - Over voltage - Under frequency - Over frequency - Phase asymmetry - Phase failure - Phase sequence | <ul style="list-style-type: none"> - Under voltage - Over voltage - Phase Asymmetry - Phase failure - Phase sequence |
| LED Indication | Power ON, Relay1 & Relay 2 ON (After Trip) | Power ON (Only for products without backlight!), Relay ON (After Trip) |
| Electrical connection | 3Ø-3wire,3Ø-4wire | 1Ø-2wire, 3Ø-4wire |
| Auxiliary | Self Powered | Self Powered |
| Operating range | 280-520V AC (L-L) 160-300V AC(L-N) | 127-288V AC (L-N) |
| Nominal Voltage | 240V AC (L-N) 415V AC (L-L) | 230V AC (L-N) |
| Frequency | 45 - 65Hz | 48 - 63Hz |
| Power Consumption | 30VA max. | 5VA max. |
| Under Voltage | 280-520V AC (L-L) 160-300V AC(L-N) | 127 – 219V AC (L-N) |
| Over Voltage | 280-520V AC (L-L) 160-300V AC(L-N) | 242 – 288V AC (L-N) |
| Phase Asymmetry | 5.0-99.9% | 5 - 30% |
| Phase Sequence | Yes | Yes |
| Phase Failure | Yes | Yes |
| Hysteresis | 1.0-99.9V for Voltage 0.2-2Hz for Frequency 2-20% for Asymmetry | 1.0-99.9V for Voltage 2-20% (only for 3P4W) for Asymmetry |
| Trip Time Delay | 0 – 99.9 sec | 0 – 300sec |
| Power On Delay | 2– 99.9 sec | 0.5 – 300sec |
| Recovery Time Delay | 0 – 99.9 sec | 0 – 300sec |
| Response Time | <200msec | <150msec |
| Accuracy for Voltage | ±1% of set value | ±1% ±2 digits |
| Accuracy for Frequency | ±0.3Hz | NA |
| Trip time Accuracy | ±5% of Setting + 200ms | ±5% of Setting + 150ms |
| Relay Output | 2x 1C/O (SPDT) | 1 x 2C/O (DPDT) |
| Parameters for each relay | Selectable | NA |
| Latching | Yes | Yes |
| Reset | Auto / Manual | Auto / Manual |
| Mode selection | -- | NO ,NC operation Selectable |
| Contact rating | NO:5A, NC:3A @ 250V AC | NO,NC: 5A @ 250V AC |
| Certification | CE, RoHS | CE,ROHS |
| Order Code | 900VPR-2-280/520V 900VPR-2-280/520V-CE | VPRD2M (Without backlight) VPRD2M-CE (With backlight) |