

## VOLTAGE LEVEL DETECTOR: 3VLB-M

### FEATURES

- Industrial grade protection
- Compact multifunction controller
- Easy replacement
- Low cost

### DESCRIPTION

The new generation 3VLB-M (Module) controller can easily detect incoming damaging fluctuating AC voltages. Internal accessible settings, behind the front panel, allow the precise fine-tuning of the device (onsite) to particularly conditions. Voltage threshold detection levels for high and low can be finite set due to its calibrated potentiometers.

The front delay used for altering the reaction time during start up voltage dips can be selected with a DIP switch. The delay time at switch on of the controller can be selected for different times (for staggering start ups) by means of the same DIP switch, four different times are selectable with three switches by selecting on or off. A push button enables the override of this time delay if quick start is desired.

LED's situated on the front panel indicate which status the controller is in during the function. A heavy duty relay with 20 amps switching capacity is used for the external control, a current inrush of 70 amps allows the unit to be used for direct control of single phase motors of small current rating.

### SINGLE PHASE VOLTAGE LEVEL DETECTOR



### SPECIFICATIONS - AC ELECTRICAL

Supply voltage :	220/240 V AC
High Voltage Setting :	50HZ
Low Voltage Setting :	270V AC
Front Delay Setting :	Adjustable
Delay before auto timer re-set :	190V AC
Terminals Rating :	Adjustable
Power Relay Contact rating :	10 mSEC or 800 mSEC
Lift up Terminals :	1, 3, 5 mins and no delay
Mounting :	30 Amps 500V AC
Housing :	20 Amp resistive 250AC (70 Amp in rush)
Temperature :	AWG 24-12
Protection :	Flex 0.2-2.5
	Solid 0.2-4
	DIN Rail - EN 50022-35
	Self Extinguishing Noryl UL V-0
	-20°C - 60°C
	IP40

### TYPICAL APPLICATIONS

- Electric motors used on pumps, compressors, etc.
- Equipment which requires staggered switch on after a blackout or shut down.
- Refrigeration Equipment.

### DIMENSIONS

SD1-M : 71mm Wide x 90mm Height x 58mm Depth (4 Modules Wide)  
WEIGHT : 180 grm