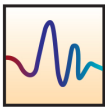




## OLP 3+ Air-conditioner Starters

Today, air-conditioners are usually the highest energy-consuming appliance in a home, and also one of the most expensive. The all-new OLP 3+ is an advanced microprocessor-controlled motor starter designed to ensure safety and long life of your air-conditioner using the time-tested combination of VOLTCHECK, AMPCHECK, and TIMECHECK. The vivid 3-digit display shows all operational parameters such as voltage, current, reason for trip, and time remaining till reset, for user interest and awareness of their AC's consumption characteristics. Available in 11A, 16A, 21A, 25A, 27A and 30A configurations.



### VOLTCHECK :

OLP 3+ monitors the line voltage and trips if safe limits (160-270V) are breached. If tripped, the reason (Hi/Lo) and value of unsafe voltage are shown.



### AMPCHECK :

Current drawn by the AC is monitored continuously, and the output is disconnected if this exceeds a pre-set limit. This protects the compressor from damage due to rotor locking or excessively long start-up time. Tripping follows an inverse time-current characteristic - higher the overload, faster the tripping response. After tripping, the overload current is shown on the display.



### TIMECHECK :

On tripping, OLP 3+ holds the output open for a duration of 3 minutes from the time of last compressor operation, and then restarts the AC automatically. This is important safety measure for the compressor. When TIMECHECK is active, the display indicates the number of minutes left for AC to restart, along with trip information.

Rated Voltage	240V (P-N), 50 Hz., 1-phase
Rated Current (AC1)	Upto 30A
Operating Voltage Range	90-320V
Under/over-voltage Protection	160-270V
Electrical Endurance (Operations)	100,000
Enclosure Material	Polycarbonate (Flame-retardant)
Mounting Type	4-module box
Mounting Centre	120 mm
Terminal Capacity	10 mm <sup>2</sup>
Dimensions in mm (W x H x D)	146 x 88 x 44
Protection Class	IP20
Ambient Temperature	-10° - 65°C
Display Parameters	Line Voltage, Current, Fault indication, Time before restart.
Protection Features	VOLTCHECK, AMP-CHECK, TIMECHECK