RUN-ON TIMERS

DIRECT WIRED

TYPE - VZ

The VZ run-on timer is designed to permit the supply of electricity to motors so they can continue to operate for a predetermined time.

They are designed to be mounted within equipment or enclosures.

Approval Number Q051613

Warning

Check with Fantech before using a run-on timer with a VA controller.

They can be used with single or three-phase motors.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Run-On Time</th>
<th>Start Delay</th>
<th>Max. Amps</th>
<th>Dimensions, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZ24C</td>
<td>Up to 24 min*</td>
<td>Up to 150 sec</td>
<td>1.25*</td>
<td>32W x 13H x 17D</td>
</tr>
<tr>
<td>VZ6</td>
<td>6 min</td>
<td>50 sec</td>
<td>1.25*</td>
<td></td>
</tr>
</tbody>
</table>

Enclosure rating - IP40

* 1.5 min increments
** Minimum amps: 0.075

WIRING DIAGRAM

Single-phase motors to 1.25 Amps

TYPE - VZ-TS

The VZ2-10TS plug-in run-on timer is designed to permit the supply of electricity to motors so they can continue to operate for a predetermined time.

This unit is designed for single-phase fans with a 3-pin plug fitted. The mains connection is wired directly into the terminals of the run-on timer; no 4-pin SPO is required.

Run-on time is adjustable from 2-10 minutes.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Run-On Time</th>
<th>Start Delay</th>
<th>Max. Amps</th>
<th>Enclosure Size, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZ2-10TS</td>
<td>2-10 min</td>
<td>n/a</td>
<td>5</td>
<td>112 x 112 x 57</td>
</tr>
</tbody>
</table>

SUGGESTED WIRING ARRANGEMENT
RUN-ON TIMERS

DIRECT WIRED

TYPE - VZM

The VZM0-28TS plug-in run-on timer is designed to permit the supply of electricity to motors so they can continue to operate for a predetermined time. This unit is designed for multiple switch inputs to operate a single-phase fan with a 3-pin plug. The mains supply connection is wired directly into the terminals of the run-on timer. Run-on time is adjustable from 0-8, 10-18 and 20-28 min with a start delay of 0-12 min.

SUGGESTED WIRING ARRANGEMENT

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TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Run-On Time</th>
<th>Start Delay</th>
<th>Max. Amps</th>
<th>Enclosure Size, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZM0-28TS</td>
<td>0-28 min</td>
<td>0-12 min</td>
<td>5</td>
<td>153 x 110 x 66</td>
</tr>
</tbody>
</table>

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PLUG & LEAD FITTED

TYPE - VZ-PL

The VZ6-4PL plug-in run-on timer is designed to permit the supply of electricity to motors so they can continue to operate for a predetermined time. This unit is designed for single-phase fans fitted with a 3-pin plug. The VZ6-4PL has a 900mm lead and 4-pin plug for connection to a 4-pin SPO. Run-on time is fixed at 6 minutes.

SUGGESTED WIRING ARRANGEMENT

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TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Run-On Time</th>
<th>Start Delay</th>
<th>Max. Amps</th>
<th>Enclosure Size, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZ6-4PL</td>
<td>6 min</td>
<td>n/a</td>
<td>5</td>
<td>110 x 66 x 36</td>
</tr>
</tbody>
</table>
RUN-ON TIMERS

PLUG & LEAD FITTED WITH SPEED CONTROLLER

TYPE - VA-VZ

The VA2.0/VZ6-4PL plug-in run-on timer and speed controller is designed to permit the supply of electricity to motors so they can continue to operate for a predetermined time. The speed controller provides infinite variation of fan speed to suit the exhaust air requirements.

This unit is designed for single-phase fans fitted with a 3-pin plug. The VA2.0/VZ6-4PL has a 900mm lead and 4 pin plug for connection to a 4-pin SPO.

Run-on time is fixed at 6 minutes and speed variation is infinite between 100 and 30%.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Run-On Time</th>
<th>Start Delay</th>
<th>Max. Amps</th>
<th>Enclosure Size, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA2.0/VZ6-4PL</td>
<td>6 min</td>
<td>50 sec</td>
<td>1.25</td>
<td>110 x 66 x 36</td>
</tr>
</tbody>
</table>

POWER SENSE MODULE

TYPE - VZ-ISNSE

The VZ-ISNSE is a 240V AC power sense module that provides automatic on/off control of a fan or exhaust fan system. The unit detects the current of the circuit to an appliance, ie. clothes dryer, closing and opening the relay when the load sense range parameters are met.

Can be used with the VZ2-10TS, VZM0-28TS or as a stand alone unit.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Load Sense Range</th>
<th>Max. Amps</th>
<th>Enclosure Size, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZ-ISNSE</td>
<td>On = 1.5 - 15 amp Off = 0 - 1.2 amps</td>
<td>5</td>
<td>87 x 67 x 33</td>
</tr>
</tbody>
</table>

SUGGESTED WIRING ARRANGEMENT

...diagram...