SRT06XU ELECTROTHERMAL ACTUATOR

DESCRIPTION
SRT06XU electro-thermal actuator is designed to control the open/close of hot water pipe in the heating system so as to control indoor temperature. Mount the actuator on the valve for hot water; it can control the open/close of the valve through the electro-thermal sensor inside the actuator. When the power is off, the valve is normally close. When the power is on, the actuator stem moves upside, and the valve spring opens the valve, the chilled-water or hot water enter into the fan coil or heat exchanger to supply cold or warm air to rooms; when the room temperature reaches the set value, the thermostat in the AC system will provide an closed signal to the actuator, and the actuator spring will make the valve close and stop the water flow entering the fan coil or heat exchanger. Through the open or close of the valve, room temperature will be always kept in the set range.

The electro-thermal actuator can be connected with the valve body quickly by using press-button. It is flexible, convenient, reliable performance, durable and energy saving.

MODEL DESCRIPTION:

ELECTRO-THERMAL CONTROLLER
WORK CODE
061 — electrothermal (Standard Type)
062 — electrothermal (Fast Type)

POWER SUPPLY
024 — AC24V
110 — AC110V
220 — AC220V
230 — AC230V

TECHNICAL DATA AND SPECIFICATIONS

<table>
<thead>
<tr>
<th>HOUSING</th>
<th>MATERIAL</th>
<th>PA6110</th>
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<tbody>
<tr>
<td>COLOR</td>
<td>White</td>
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WORKING FORCE INTENSITY (F) & DIRECTION
80N ≤ F < 130N Direction: UPWARD

CONTROL ELEMENT (T)
Electro-thermal wax sensor

CONNECTOR
M30X1.5

AMBIENT TEMPERATURE
-0.5~60℃

FIRST FULLY OPEN
SRT061 (Standard Type) 5~6.5 minutes (at 25℃)
STR062 (Fast Type) 2.5~4 minutes (at 25℃)

FULL STROKE
4.5mm

PROTECTION CLASS
IP40

POWER CONSUMPTION
1.1VA

MAX. IMPACT CURRENT
24V 1.2A
110V 0.9A
220V/230V 0.7A

LEAD WIRE
1m length (2-core)

NET WEIGHT
110g
DIMENSIONS (mm)

WITH SRV061SU OR SRV051 VALVE

Fig.1 Dimension

“MAX 6” means the max stroke of the actuator is 6mm.

ASSEMBLY

DISASSEMBLY