## **RM** ELECTROMECHANICAL RELAY – LOW VOLTAGE





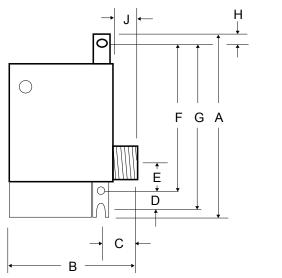
### CONTROL

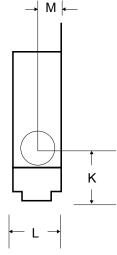
- all or nothing (on/off)
- with a 24 V transformer (with exception of the RM347C w/o transformer)
- compatible with the T822K1018U and T87K1007U thermostats (the RM347C w/o a transformer is also compatible with the STE241 thermostat)
- installing more than four relays without a transformer to the same thermostat is not recommended (two relays without a transformer if connected to a STE241 thermostat)
- no additional relay can be connected to the same control circuit as a relay with a transformer

#### INSTALLATION

- these relays can be installed in an external junction box
- these relays may or may not be installed in the junction box of the heating unit (see the accessories table for the heating unit)

### TECHNICAL DRAWINGS





### WARRANTY

• one year

| PRODUCT | DESCRIPTION                                                                      |
|---------|----------------------------------------------------------------------------------|
| RM120T  | ELECTROMECHANICAL RELAY WITH TRANSFORMER 24 V [3000 W @ 120 V]                   |
| RM240T  | ELECTROMECHANICAL RELAY C/W TRANSFORMER 24 V [6000 W @ 240 V AND 5200 W @ 208 V] |
| RM277T  | ELECTROMECHANICAL RELAY WITH TRANSFORMER 24V (6000W @ 277V)                      |
| RM347T  | ELECTROMECHANICAL RELAY C/W TRANSFORMER 24 V [6000 W @ 347 V]                    |
| RM347C  | ELECTROMECHANICAL RELAY W/O TRANSFORMER 24 V [6000 W @ 120 V-347 V]              |

| DIMENSIONS |     |         |         |       |       |     |         |         |       |       |       |       |     |  |
|------------|-----|---------|---------|-------|-------|-----|---------|---------|-------|-------|-------|-------|-----|--|
| PRODUCT    | KEY | A       | В       | С     | D     | E   | F       | G       | Н     | J     | К     | L     | М   |  |
| RMT        | MM  | 100     | 67      | 18    | 11    | 19  | 74      | 84      | 10    | 10    | 35    | 41    | 16  |  |
|            | IN. | 3 15/16 | 2 21/32 | 23/32 | 27/64 | 3/4 | 2 57/64 | 3 21/64 | 13/32 | 25/64 | 1 3/8 | 1 5/8 | 5/8 |  |
| RMC        | MM  | 76      | 51      | 18    | 11    | 19  | 74      | 84      | 10    | 10    | 35    | 41    | 16  |  |
|            | IN. | 3 3/4   | 2 1/2   | 23/32 | 27/64 | 3/4 | 2 57/64 | 3 21/64 | 13/32 | 25/64 | 1 3/8 | 1 5/8 | 5/8 |  |

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