RELAY
PRODUCTS

## Miniature PCB Relay REL

$\square 1$ pole $5 \mathrm{~A}, 1$ form $\mathrm{A}(\mathrm{NO})$ contact

- Low height 12.0 mm
- Especially suited for applications white goods, consumer electronics, etc.
Plastic materials according to IEC 60335-1 (domestic appliances)

Typical applications
PLC's, timers, temperature control, I/O cards, white goods.


## Approvals

VDE Cert. No. 40010579 , UL E214025
Technical data of approved types on request.

## Contact Data

| Contact arrangement 1 |  |  |  |
| :---: | :---: | :---: | :---: |
| Rated voltage |  |  |  |
| Max. switching voltage |  |  |  |
| Rated current |  |  |  |
| Limiting making current, max 4s, duty factor 10\% |  |  |  |
| Contact material Ag |  |  |  |
| Frequency of operation with/without load |  |  |  |
| Operate/release time max. |  |  |  |
| Bounce time max. |  |  |  |
| Contact ratings |  |  |  |
| Type | Contact | Load | Cycles |
| IEC 61810 |  |  |  |
| REL34 | A (NO) | 5A, 250VAC, $\cos \varphi=1,85^{\circ} \mathrm{C}$ | $100 \times 10^{3}$ |
| REL34 | A (NO) | $3 \mathrm{~A}, 400 \mathrm{VAC}, \cos \varphi=1,85^{\circ} \mathrm{C}$ | $400 \times 10^{3}$ |
| UL 508 |  |  |  |
| REL34 | A ( NO ) | 5A, 250VAC, resistive, $85^{\circ} \mathrm{C}$ | $100 \times 10^{3}$ |
| Mechan | enduran | e $>10 x 1$ |  |

 with the 'Definitions' section. subject to change.

Miniature PCB Relay REL (Continued)


## Dimensions



## PCB layout / terminal assignment

Bottom view on solder pins



| Product code structure | Typical product code | REL | 3 | 4 | 024 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Type |  |  |  |  |  |
| REL Miniature PCB Relay REL |  |  |  |  |  |
| Contact arrangement 31 form A (NO) contact |  |  |  |  |  |
| Contact material 4 AgNi 90/10 |  |  |  |  |  |
| Coil Coil code: please refer to coil versions table |  |  |  |  |  |


| Product code | Version | Contacts | Contact material | Coil |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| REL34006 | flux proof | 1 form A | AgNi90/10 | Part Number |  |
| REL34012 |  | 1 NO contact |  | $3-1415535-5$ |  |
| REL34024 |  |  |  | $12 V D C$ | $24 V D C$ |
| REL34048 |  |  |  | 48 VDC | $3-1415535-6$ |

## Mouser Electronics

Authorized Distributor

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TE Connectivity:
REL34012 REL34006

