

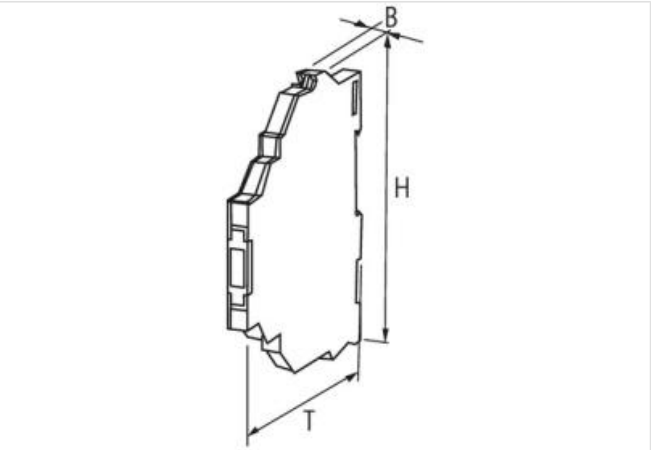
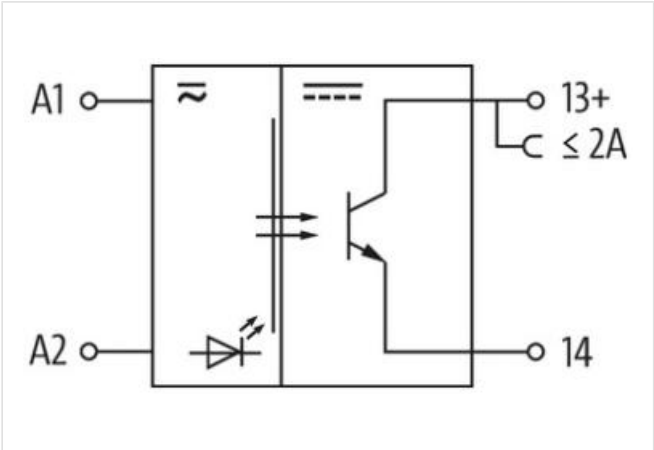
MIRO TR 90-250VAC FK OPTO-COUPLER MODULE

IN: 250 VAC - OUT: 48 VDC / 0,5 A

Transistor 0.5 A  
230 V AC  
Spring clamp terminals

[Link to Product](#)

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27371601 |
| ECLASS-6.1      | 27371604 |
| ECLASS-7.0      | 27371604 |
| ECLASS-8.0      | 27371604 |
| ECLASS-9.0      | 27371604 |
| ECLASS-10.1     | 27371604 |

|                                                 |                           |
|-------------------------------------------------|---------------------------|
| ECLASS-11.1                                     | 27371604                  |
| ECLASS-12.0                                     | 27371604                  |
| ETIM-5.0                                        | EC001504                  |
| customs tariff number                           | 85414900                  |
| GTIN                                            | 4048879021821             |
| Packaging unit                                  | 1                         |
| <b>Electrical data   Input</b>                  |                           |
| Input voltage AC min.                           | 90 V                      |
| Input voltage AC max.                           | 250 V                     |
| Input voltage OFF AC min.                       | 0 V                       |
| Input voltage OFF AC max.                       | 40 V                      |
| Current input AC max.                           | 7,5 mA                    |
| <b>Electrical data   Output</b>                 |                           |
| Switch off delay max.                           | 15 ms                     |
| Switch on delay max.                            | 55 ms                     |
| Quiescent current OFF max.                      | 0,3 mA                    |
| Switching frequency inductive max.              | 30 Hz                     |
| Switching frequency ohmic max.                  | 500 Hz                    |
| Voltage switching DC min.                       | 5 V                       |
| Switching voltage DC max.                       | 48 V                      |
| Switching current min.                          | 0,1 mA                    |
| Switching current max.                          | 0,5 A                     |
| Voltage drop DC max.                            | 1,2 V                     |
| <b>Diagnostics</b>                              |                           |
| Status indication LED                           | yellow                    |
| <b>Device protection   Electrical</b>           |                           |
| Rated insulation voltage                        | 3750 V                    |
| <b>Device protection   Media</b>                |                           |
| Flame resistance                                | flame retardant           |
| <b>Mechanical data   Material data</b>          |                           |
| Color housing                                   | black                     |
| Material housing                                | Plastic                   |
| <b>Mechanical data   Mounting data</b>          |                           |
| Mounting method                                 | geschnappt                |
| Suitable for mounting type                      | mounting rail, (EN 60715) |
| Height                                          | 78 mm                     |
| Width                                           | 6,2 mm                    |
| Depth                                           | 70 mm                     |
| <b>Environmental characteristics   Climatic</b> |                           |
| Operating temperature min.                      | -20 °C                    |
| Operating temperature max.                      | 60 °C                     |
| <b>Connection type 4</b>                        |                           |
| Connection                                      | Spring clamp terminals FK |
| Family construction form                        | terminal                  |
| Gender                                          | female                    |
| Color contact carrier                           | black                     |
| No. of poles                                    | 1                         |
| PIN 1                                           | 13 +                      |
| Connection                                      | Spring clamp terminals FK |
| Family construction form                        | terminal                  |

|                          |                           |
|--------------------------|---------------------------|
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 1                         |
| PIN 1                    | 14                        |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 1                         |
| PIN 1                    | A 1                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 1                         |
| PIN 1                    | A 2                       |