

MIRO TR 24VDC 20KHZ IN<1MA OPTO-COUPLER MODULE

IN: 30 VDC - OUT: 48 VDC / 0.2 A

Transistor 0.2 A  
24 V DC  
Control current 0.1 mA (5 V DC)  
Screw terminals

[Link to Product](#)

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27371604 |
| 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                  | 4048879026857 |
| Packaging unit        | 1             |

**Electrical data | Input**

|                           |        |
|---------------------------|--------|
| Input voltage OFF DC min. | 0 V    |
| Input voltage OFF DC max. | 2 V    |
| Input voltage DC min.     | 15 V   |
| Input voltage DC max.     | 30 V   |
| Input current DC max.     | 16 mA  |
| Control current           | 0,1 mA |

**Electrical data | Output**

|                            |          |
|----------------------------|----------|
| Switch off delay max.      | 18 µs    |
| Quiescent current OFF max. | 0,1 mA   |
| Switching frequency max.   | 20000 Hz |
| Voltage switching DC min.  | 5 V      |
| Switching voltage DC max.  | 48 V     |
| Switching current min.     | 0,1 mA   |
| Switching current max.     | 0,2 A    |
| Voltage drop DC max.       | 1,2 V    |

**Diagnostics**

|                       |        |
|-----------------------|--------|
| Status indication LED | yellow |
|-----------------------|--------|

**Device protection | Electrical**

|                          |        |
|--------------------------|--------|
| Rated insulation voltage | 3750 V |
|--------------------------|--------|

**Device protection | Media**

|                  |                 |
|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

**Mechanical data | Material data**

|                  |         |
|------------------|---------|
| Color housing    | black   |
| Material housing | Plastic |

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 91 mm                     |
| Width                      | 6,2 mm                    |
| Depth                      | 71 mm                     |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 60 °C  |

**Connection type 5**

|                          |                    |
|--------------------------|--------------------|
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| Color contact carrier    | green              |
| No. of poles             | 1                  |
| PIN 1                    | -                  |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| Color contact carrier    | green              |

|                          |                    |
|--------------------------|--------------------|
| No. of poles             | 1                  |
| PIN 1                    | +                  |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| Color contact carrier    | green              |
| No. of poles             | 1                  |
| PIN 1                    | In                 |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| Color contact carrier    | green              |
| No. of poles             | 1                  |
| PIN 1                    | 14                 |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| Color contact carrier    | green              |
| No. of poles             | 1                  |
| PIN 1                    | 13 +               |