

MIRO 12.4 110V-2U-FK INPUT RELAY

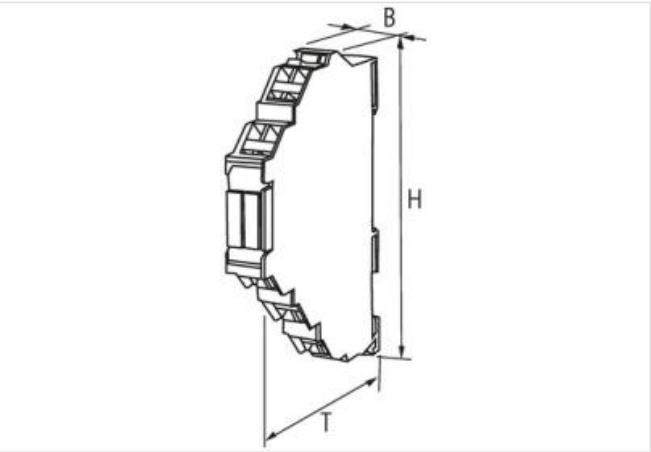
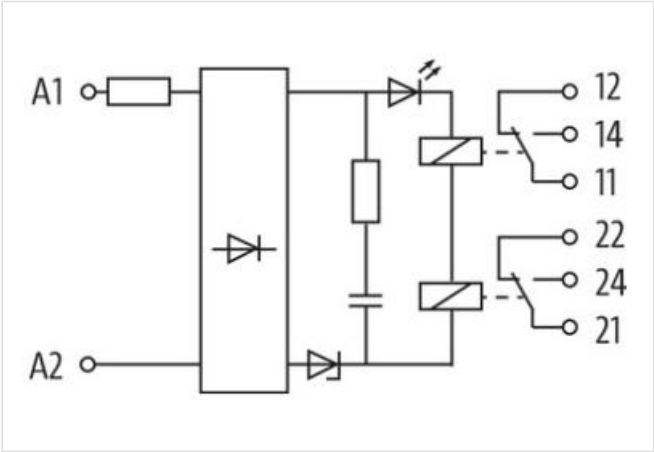
IN: 110 VACDC - OUT: 250 VAC/DC / 6 A

- 2 NO/NC contacts
- 6 A
- 110 V AC/DC
- Spring clamp terminals

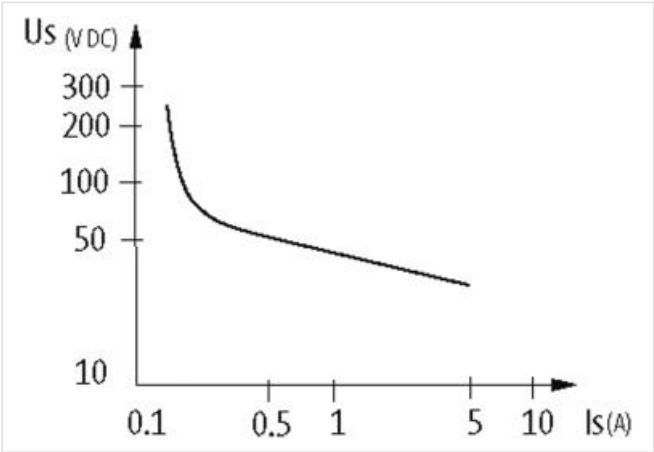
When the max. switching voltage/current is exceeded the gold plating is destroyed. The relay will then take on the properties of an output type.  
safe separation (EN 60947-1)

Link to Product

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27371601 |
| ECLASS-6.1      | 27371601 |
| ECLASS-7.0      | 27371601 |

|                       |               |
|-----------------------|---------------|
| ECLASS-8.0            | 27371601      |
| ECLASS-9.0            | 27371601      |
| ECLASS-10.1           | 27371601      |
| ECLASS-11.1           | 27371601      |
| ECLASS-12.0           | 27371601      |
| ETIM-5.0              | EC001437      |
| customs tariff number | 85364900      |
| GTIN                  | 4048879021982 |
| Packaging unit        | 1             |

**Electrical data | Input**

|                       |       |
|-----------------------|-------|
| Input voltage AC      | 110 V |
| Input voltage AC min. | 95 V  |
| Input voltage AC max. | 121 V |
| Input voltage DC      | 110 V |
| Input voltage DC min. | 95 V  |
| Input voltage DC max. | 121 V |
| Input current         | 7 mA  |

**Electrical data | Output**

|                                               |                                          |
|-----------------------------------------------|------------------------------------------|
| Utilization category AC-12 (EN IEC 60947-5-1) | 6 A @ 24, 6 A @ 110 V, 6 A @ 230 V       |
| Utilization category AC-15 (EN IEC 60947-5-1) | 3 A @ 24 V, 3 A @ 110 V, 3 A @ 230 V     |
| Utilization category DC-13 (EN IEC 60947-5-1) | 1 A @ 24 V, 0,2 A @ 110 V, 0,1 A @ 230 V |
| Switching frequency max.                      | 10 Hz                                    |
| Power rating AC max.                          | 1500 VA                                  |
| Power rating DC max.                          | 120 W                                    |
| Switching voltage AC max.                     | 250 V                                    |
| Switching voltage DC max.                     | 250 V                                    |
| Switching current DC                          | 1 mA                                     |
| Switching current per signal output max.      | 20 mA                                    |
| Switching current max.                        | 6 A                                      |

**Diagnostics**

|                       |       |
|-----------------------|-------|
| Status indication LED | green |
|-----------------------|-------|

**Device protection**

|                    |                |
|--------------------|----------------|
| Condition lifetime | load-dependent |
|--------------------|----------------|

**Device protection | Electrical**

|                     |                 |
|---------------------|-----------------|
| Rated surge voltage | 4 kV            |
| Electrical lifetime | 20000000 Cycles |

**Device protection | Mechanical**

|                      |                 |
|----------------------|-----------------|
| Mechanical endurance | 20000000 Cycles |
|----------------------|-----------------|

**Mechanical data**

|                    |        |
|--------------------|--------|
| Drop-out time max. | 15 ms  |
| Response time max. | 10 ms  |
| Bounce time max.   | 1,5 ms |

**Mechanical data | Material data**

|                  |             |
|------------------|-------------|
| Material contact | Ag Sn O2 hv |
|------------------|-------------|

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 90 mm                     |
| Width                      | 12,4 mm                   |
| Depth                      | 65 mm                     |

Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 60 °C  |

Connection type 4

|                          |                           |
|--------------------------|---------------------------|
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 12                        |
| PIN 2                    | 22                        |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 11                        |
| PIN 2                    | 21                        |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 14                        |
| PIN 2                    | 24                        |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | A 1                       |
| PIN 2                    | A 2                       |