

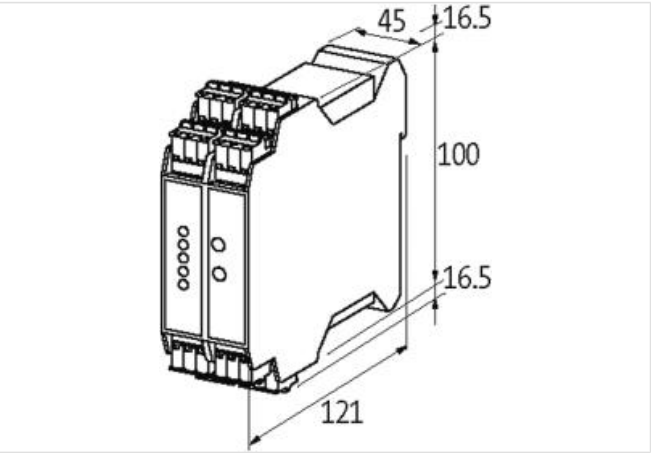
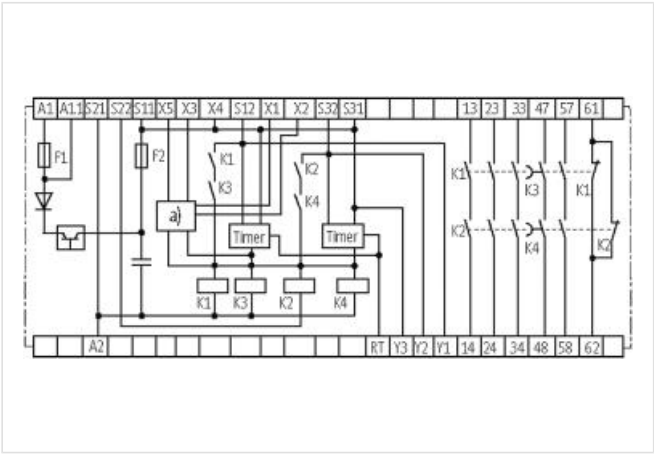
**MIRO SAFE+ T 2 24**

24 VAC/DC - 3 N/O contact / 2 N/O contact delayed

- 6 A (STOP1); 8 A (STOP0)
- Protection-door and emergency-stop control
- Light curtain control
- Safety magnetic switch control
- Automatic/manual/manual monitored reset/start

[Link to Product](#)

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27371819 |
| ECLASS-6.1      | 27371819 |
| ECLASS-7.0      | 27371819 |
| ECLASS-8.0      | 27371819 |
| ECLASS-9.0      | 27371819 |

|                       |               |
|-----------------------|---------------|
| ECLASS-10.1           | 27371819      |
| ECLASS-11.1           | 27371819      |
| ECLASS-12.0           | 27371819      |
| ETIM-5.0              | EC001449      |
| customs tariff number | 85364900      |
| GTIN                  | 4048879367592 |
| Packaging unit        | 1             |

**Safety codes**

|                                    |                      |
|------------------------------------|----------------------|
| DCavg STOP0 (EN ISO 13849-1)       | 99 %                 |
| DCavg STOP1 min. (EN ISO 13849-1)  | 60 %                 |
| Service life                       | 20 a                 |
| Category (EN ISO 13849-1)          | 4 (STOP0); 3 (STOP1) |
| Performance level (EN ISO 13849-1) | e (STOP0); d (STOP1) |
| SIL (IEC 61508)                    | 3 (STOP0); 2 (STOP1) |

**Electrical data | Supply**

|                        |        |
|------------------------|--------|
| Power consumption max. | 3,2 W  |
| Apparent power max.    | 7,1 VA |

**Electrical data | Input**

|                       |        |
|-----------------------|--------|
| Input voltage AC      | 24 V   |
| Input voltage AC min. | 20,4 V |
| Input voltage AC max. | 26,4 V |
| Input voltage DC      | 24 V   |
| Input voltage DC min. | 20,4 V |
| Input voltage DC max. | 28,8 V |

**Electrical data | Output**

|                                                     |                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------|
| No. of auxiliary contacts                           | 1                                                                             |
| No. of alarm outputs                                | 3                                                                             |
| Number of safety contacts STOP0                     | 3                                                                             |
| Number of safety contacts STOP1                     | 2                                                                             |
| Utilization category AC-15 STOP0 (EN IEC 60947-5-1) | 6 A @ 230 V                                                                   |
| Utilization category DC-13 STOP0 (EN IEC 60947-5-1) | 6 A @ 24 V                                                                    |
| Utilization category DC-13 STOP1 (EN IEC 60947-5-1) | 2 A @ 24 V                                                                    |
| Auxiliary contacts                                  | 31-32                                                                         |
| Alarm outputs                                       | 13-14, 23-24, 33-34                                                           |
| Switching voltage AC max.                           | 250 V                                                                         |
| Switching voltage DC max.                           | 250 V                                                                         |
| Switching current max.                              | 6 A                                                                           |
| Switching capacity safety contacts STOP0            | max. 250 V AC/8 A; min. 10 V AC/10 mA (resist./ind.), at suitable suppression |
| Switching capacity safety contacts STOP1            | max. 250 V AC/6 A; min. 10 V AC/10 mA (resist./ind.), at suitable suppression |
| Safety contacts STOP0                               | 13-14, 23-24, 33-34                                                           |
| Safety contacts STOP1                               | 47-48, 57-58                                                                  |
| Total current STOP0                                 | 18 A                                                                          |
| Total current STOP1                                 | 12 A                                                                          |

**Device protection**

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

**Device protection | Electrical**

|                     |                 |
|---------------------|-----------------|
| Electrical lifetime | 10000000 Cycles |
|---------------------|-----------------|

**Device protection | Mechanical**

|                      |                 |
|----------------------|-----------------|
| Mechanical endurance | 10000000 Cycles |
|----------------------|-----------------|

**Mechanical data | Material data**

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Material contact                                | Ag Sn O                          |
| Material properties contact                     | positively driven, self-cleaning |
| <b>Mechanical data   Mounting data</b>          |                                  |
| Mounting method                                 | geschnappt                       |
| Suitable for mounting type                      | mounting rail, (EN 60715)        |
| Height                                          | 100 mm                           |
| Width                                           | 45 mm                            |
| Depth                                           | 121 mm                           |
| <b>Environmental characteristics   Climatic</b> |                                  |
| Operating temperature min.                      | -25 °C                           |
| Operating temperature max.                      | 60 °C                            |
| Derating from                                   | 45 °C                            |
| Storage temperature min.                        | -40 °C                           |
| Storage temperature max.                        | 85 °C                            |
| <b>Connection type 8</b>                        |                                  |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |
| Gender                                          | female                           |
| Color contact carrier                           | black                            |
| No. of poles                                    | 4                                |
| PIN 1                                           | 14                               |
| PIN 2                                           | 24                               |
| PIN 3                                           | 34                               |
| PIN 4                                           | 62                               |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |
| Gender                                          | female                           |
| Color contact carrier                           | black                            |
| No. of poles                                    | 4                                |
| PIN 1                                           | 48                               |
| PIN 2                                           | 58                               |
| PIN 3                                           | X 3                              |
| PIN 4                                           | Y 3                              |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |
| Gender                                          | female                           |
| Color contact carrier                           | black                            |
| No. of poles                                    | 4                                |
| PIN 1                                           | A 2                              |
| PIN 2                                           | S 21                             |
| PIN 3                                           | A 1.1                            |
| PIN 4                                           | S 22                             |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |
| Gender                                          | female                           |
| Color contact carrier                           | black                            |
| No. of poles                                    | 4                                |
| PIN 1                                           | X 4                              |
| PIN 2                                           | S 31                             |
| PIN 3                                           | S 32                             |
| PIN 4                                           | RT                               |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |

|                          |                           |
|--------------------------|---------------------------|
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 4                         |
| PIN 1                    | A 1                       |
| PIN 2                    | S 11                      |
| PIN 3                    | S 12                      |
| PIN 4                    | X 5                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 4                         |
| PIN 1                    | X 3                       |
| PIN 2                    | X 2                       |
| PIN 3                    | X 1                       |
| PIN 4                    | Y 2                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 4                         |
| PIN 1                    | 13                        |
| PIN 2                    | 23                        |
| PIN 3                    | 33                        |
| PIN 4                    | 61                        |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 4                         |
| PIN 1                    | 47                        |
| PIN 2                    | 57                        |
| PIN 3                    | S 32                      |
| PIN 4                    | Y 1                       |