

**MIRO SAFE+ SWITCH BA L 24**

24 VAC/DC - 3 N/O contact / 1 N/C contact

8 A

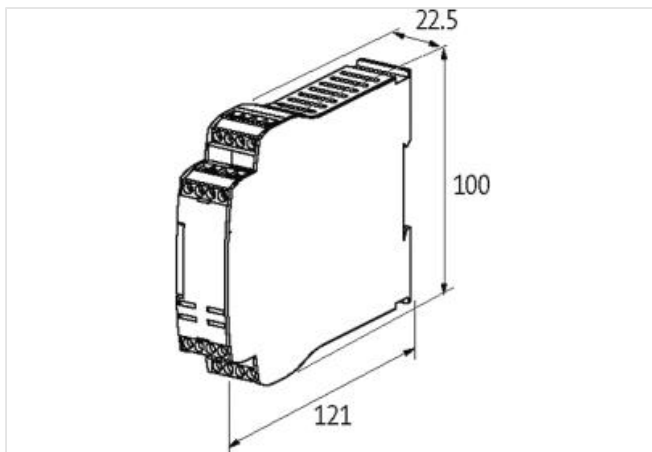
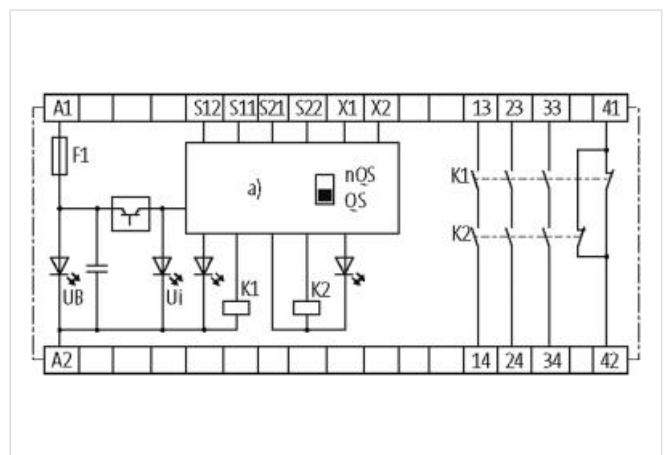
Protection-door and emergency-stop control

Light curtain control

Safety magnetic switch control

Automatic/manual reset/start

Screw terminals

**Linkki tuotteeseen****Kuvat**

Tuote voi erota kuvassa olevasta

**Kaupalliset tiedot**

|            |          |
|------------|----------|
| 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      |
| GTIN        | 4048879367554 |
| Pakkauskoko | 1             |
| Tullinumero | 85364900      |

#### Safety codes

|                                    |      |
|------------------------------------|------|
| DCavg (EN ISO 13849-1)             | 99 % |
| Service life                       | 20 a |
| Category (EN ISO 13849-1)          | 4    |
| Performance level (EN ISO 13849-1) | e    |
| SIL (IEC 61508)                    | 3    |

#### Electrical data | Supply

|                        |        |
|------------------------|--------|
| Power consumption max. | 2 W    |
| Apparent power max.    | 4,9 VA |
| Total current max.     | 24 A   |

#### 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                                | 0                                                                             |
| No. of safety contacts                              | 3                                                                             |
| Utilization category AC-15 (EN IEC 60947-5-1)       | 6 A @ 230 V                                                                   |
| Utilization category DC-13 STOP0 (EN IEC 60947-5-1) | 6 A @ 24 V                                                                    |
| Auxiliary contacts                                  | 41-42                                                                         |
| Switching voltage AC max.                           | 250 V                                                                         |
| Switching voltage DC max.                           | 250 V                                                                         |
| Switching current max.                              | 8 A                                                                           |
| Safety contacts                                     | 13-14, 23-24, 33-34                                                           |
| Switching capacity safety contacts STOP0            | max. 250 V AC/8 A; min. 10 V AC/10 mA (resist./ind.), at suitable suppression |

#### 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 |

#### Mechanical data | Mounting data

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 100 mm                    |

|       |         |
|-------|---------|
| Width | 22,5 mm |
|-------|---------|

|       |        |
|-------|--------|
| Depth | 121 mm |
|-------|--------|

**Environmental characteristics | Climatic**

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

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

|               |       |
|---------------|-------|
| Derating from | 45 °C |
|---------------|-------|

|                          |        |
|--------------------------|--------|
| Storage temperature min. | -40 °C |
|--------------------------|--------|

|                          |       |
|--------------------------|-------|
| Storage temperature max. | 85 °C |
|--------------------------|-------|

**Connection type 4**

|            |                           |
|------------|---------------------------|
| Connection | Spring clamp terminals FK |
|------------|---------------------------|

|                          |          |
|--------------------------|----------|
| Family construction form | terminal |
|--------------------------|----------|

|        |        |
|--------|--------|
| Gender | female |
|--------|--------|

|                       |       |
|-----------------------|-------|
| Color contact carrier | black |
|-----------------------|-------|

|              |   |
|--------------|---|
| No. of poles | 4 |
|--------------|---|

|       |      |
|-------|------|
| PIN 1 | S 21 |
|-------|------|

|       |    |
|-------|----|
| PIN 2 | 42 |
|-------|----|

|       |     |
|-------|-----|
| PIN 3 | X 2 |
|-------|-----|

|       |     |
|-------|-----|
| PIN 4 | A 2 |
|-------|-----|

|            |                           |
|------------|---------------------------|
| Connection | Spring clamp terminals FK |
|------------|---------------------------|

|                          |          |
|--------------------------|----------|
| Family construction form | terminal |
|--------------------------|----------|

|        |        |
|--------|--------|
| Gender | female |
|--------|--------|

|                       |       |
|-----------------------|-------|
| Color contact carrier | black |
|-----------------------|-------|

|              |   |
|--------------|---|
| No. of poles | 4 |
|--------------|---|

|       |      |
|-------|------|
| PIN 1 | S 22 |
|-------|------|

|       |    |
|-------|----|
| PIN 2 | 41 |
|-------|----|

|       |     |
|-------|-----|
| PIN 3 | X 1 |
|-------|-----|

|       |     |
|-------|-----|
| PIN 4 | A 1 |
|-------|-----|

|            |                           |
|------------|---------------------------|
| Connection | Spring clamp terminals FK |
|------------|---------------------------|

|                          |          |
|--------------------------|----------|
| Family construction form | terminal |
|--------------------------|----------|

|        |        |
|--------|--------|
| Gender | female |
|--------|--------|

|                       |       |
|-----------------------|-------|
| Color contact carrier | black |
|-----------------------|-------|

|              |   |
|--------------|---|
| No. of poles | 4 |
|--------------|---|

|       |      |
|-------|------|
| PIN 1 | S 12 |
|-------|------|

|       |    |
|-------|----|
| PIN 2 | 14 |
|-------|----|

|       |    |
|-------|----|
| PIN 3 | 24 |
|-------|----|

|       |    |
|-------|----|
| PIN 4 | 34 |
|-------|----|

|            |                           |
|------------|---------------------------|
| Connection | Spring clamp terminals FK |
|------------|---------------------------|

|                          |          |
|--------------------------|----------|
| Family construction form | terminal |
|--------------------------|----------|

|        |        |
|--------|--------|
| Gender | female |
|--------|--------|

|                       |       |
|-----------------------|-------|
| Color contact carrier | black |
|-----------------------|-------|

|              |   |
|--------------|---|
| No. of poles | 4 |
|--------------|---|

|       |      |
|-------|------|
| PIN 1 | S 11 |
|-------|------|

|       |    |
|-------|----|
| PIN 2 | 13 |
|-------|----|

|       |    |
|-------|----|
| PIN 3 | 23 |
|-------|----|

|       |    |
|-------|----|
| PIN 4 | 33 |
|-------|----|