

MIRO SAFE+ SWITCH H 48-230

48-230 VAC - 3 N/O contact / 1 N/C contact

Art.No.: 3000-33113-1020012

Weight: 0.250 kg

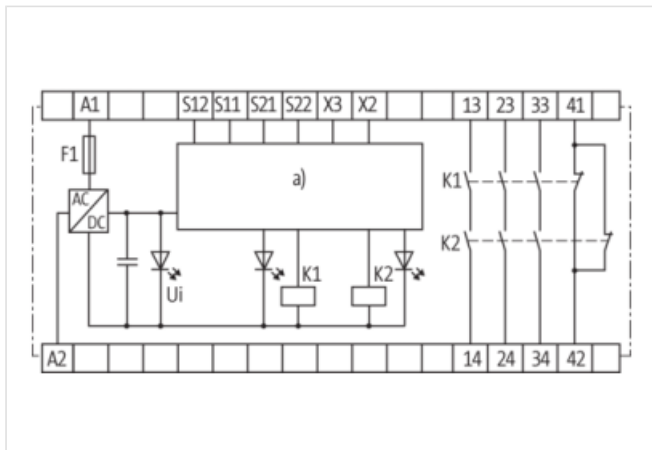
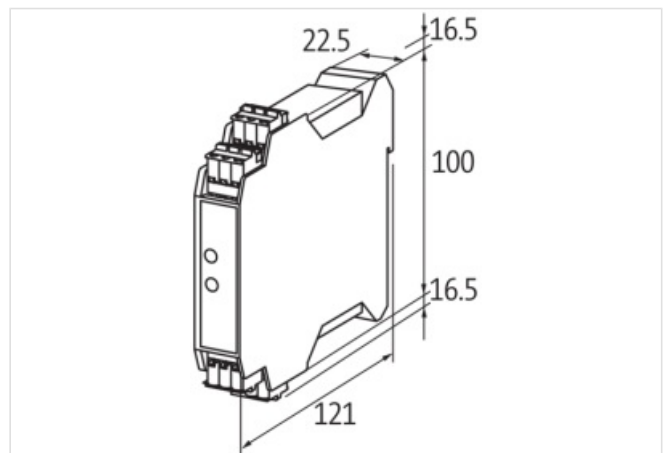
Country of origin: DE

Model designation: MIRO SAFE+ Switch H 48-230

6 A

Protection-door and emergency-stop control

Automatic/manual/manual monitored reset/start

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text

MIRO SAFE+ Switch H 48-230

Commercial data

URL Webshop

<https://shop.murrelektronik.com/3000-33113-1020012>

GTIN	4048879367530
ECLASS-6.0	27371819
ECLASS-6.1	27371819
ECLASS-7.0	27371819
ECLASS-7.1	27371819
ECLASS-8.0	27371819
ECLASS-8.1	27371819
ECLASS-9.0	27371819
ECLASS-9.1	27371819
ECLASS-10.0.1	27371819
ECLASS-10.1	27371819
ECLASS-11.0	27371819
ECLASS-11.1	27371819
ECLASS-12.0	27371819
ECLASS-13.0	27371819
ECLASS-14.0	27371819
ETIM-5.0	EC001449
ETIM-6.0	EC001449
ETIM-7.0	EC001449
ETIM-8.0	EC001449
customs tariff number	85364900
EAN	4048879367530
Packaging unit	1

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.	2,8 W
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Electrical data | Input

Input voltage AC min.	48 V
Input voltage AC max.	240 V

Electrical data | Output

No. of auxiliary contacts	1
Auxiliary contacts	41-42
Switching voltage AC max.	250 V
Switching voltage DC max.	250 V
Switching current max.	6 A
No. of safety contacts	3
Safety contacts	13-14, 23-24, 33-34
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
Switching capacity safety contacts STOP0	max. 250 V AC/6 A; min. 10 V AC/10 mA (resist./ind.), at suitable suppression
No. of alarm outputs	0

Device protection

Condition lifetime	load-dependent
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Device protection | Electrical

Electrical lifetime	0 cycles
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Device protection | Mechanical

Mechanical endurance 0 cycles

Mechanical data | Material data

Material properties contact self-cleaning, positively driven
 Material contact Ag Sn O

Mechanical data | Mounting data

Height 100 mm
 Width 22,5 mm
 Depth 121 mm
 Mounting method geschnappt
 Suitable for mounting type (EN 60715), mounting rail

Environmental characteristics | Climatic

Operating temperature min. -25 °C
 Operating temperature max. 45 °C
 Ambient temperature (storage, transport) -40 °C ... 85 °C

Connection type 4

Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	black
Connection	Spring clamp terminals FK
PIN 1	34
PIN 2	24
PIN 3	14
PIN 4	42
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	black
Connection	Spring clamp terminals FK
PIN 1	X 2
PIN 2	S 22
PIN 3	S 21
PIN 4	A 2
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	black
Connection	Spring clamp terminals FK
PIN 1	X 3
PIN 2	S 12
PIN 3	S 11
PIN 4	A 1
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	black
Connection	Spring clamp terminals FK
PIN 1	33
PIN 2	23
PIN 3	13
PIN 4	41